

### **TODAY**

# Editorial: The family doctor model is the answer to healthcare challenges

The Finnish Governport primary health care re is needed through the revised Kela reimbursement bate among health care professionals and citizens alike. Most recently, the Finnish Medical Association has strongly waiting lists for treat- services. ment.

on public health care.

have been Although allocated to Kela reimbur- cost increase. sements, only a marginal proportion of citizens have needed now, not tomorrow benefited from it. Public setion in this way.

Cover picture: Autumn colours

Cooperation

should be seen as a resour- ficient way. ce that complements public

sements and the related countries, emphasises the bureaucratic requirements long-term patient-doctor rehave proved to be ineffec- lationship. In the model, the tive, as shown by Kela's patient has their own doctor statistics. According to the who is responsible for their union, it is clear that this is primary health care, which not a solution to the strain brings continuity and individuality to treatment. This The plan has been ex- not only facilitates the ovepensive, but the benefits rall management of patient non-existent. care, but also reduces unneconsiderably cessary visits and procedumore resources have been res, which are a significant

Government solutions are

It is worrying that the Goctor healthcare continues to vernment, while proposing struggle with waiting lists to increase Kela reimburseand resource shortages, and ments, has dismantled the private healthcare has not two-week care guarantee in been able to provide a solu- primary health care, which has only been in force for

between one year. This sends a con- care can operate within its ment's decision to sup- public and private healthca- tradictory message: waiting capacity.

times in public health care The challenges facing The Medical Association are being extended, while the Finnish healthcare sysmodel makes a very important private health services are tem are well known, and has sparked lively de- point: private healthcare being subsidised in an inef- the current government is committed to data-driven

Minister Sanni Grahndecision-making. In this health care, not competes Laasonen has expressed context, it is time to turn with it. In this context, the positive support in prin- our attention to the family family doctor model propo-ciple for testing the family doctor model, which is a sed by the Finnish Medical doctor model, but concrete demonstrably effective way criticised the new Kela Association is a solution measures are lacking. The to improve the quality and reimbursement system, that could really help redu- message from the Medical availability of care. Builstating that the reform ce waiting lists and impro- Association is clear: the ding on Kela reimbursewill not help to reduce ve citizens' access to health period of reflection is over, ments has not proven to be The experiment should be a sustainable solution.

The family doctor model, launched immediately so The family doctor model which has been successfully that waiting lists can be dis- is not just an option – it is The increase in reimbur- applied in many European mantled and public health- the only way forward.

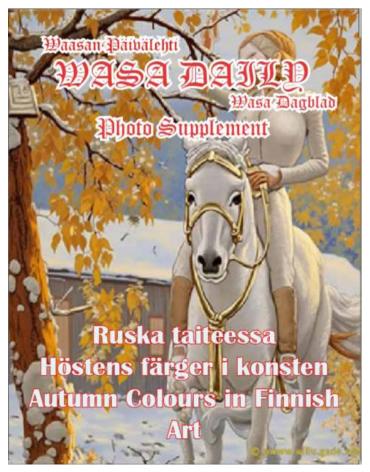


Photo Supplement - vpress.ovh

### **NEWS**



# Radiological activities will be concentrated in three units in the Wellbeing Services County of Ostrobothnia. Rtg in Oravainen, Malax and Laihela will be closed.

Malax and Laihela will be closed. justify continued operations.

Wellbeing Services County Board of the Wellbeing thcare services.

According to Sjöström, the decision is motivated by the need to save resources and reduced costs and ensure that X-ray services

concentrated in three units in the future. Many of the smaller units concentration will result in an- means that residents in some Wellbeing Services County of have outdated equipment and nual savings of approximately places will have to travel further Ostrobothnia. Rtg in Oravainen, lack sufficient patient volumes to EUR 550,000. In addition, the to get access to X-ray examina-

Closure of several units

Radiological activities will probably decide tomorrow to and Kristinestad will cease. From problem throughout Finland. concentrate its radiological acti- 2025, X-ray examinations from Pia-Maria sume its X-ray operations.

More efficient use of resources

According to the wellbeing

Radiological activities will be can be offered efficiently in the services county's estimates, the centrate radiological services need for X-ray nurses is expected tions. This is especially true for to decrease by two person-years, residents of Malax, Oravainen in which is important as the shorta- and Kristinestad. The wellbeing Services County of Ostrobothnia places such as Oravainen, Malax ge of X-ray nurses is a growing services county emphasises that

vities in three main units: Vaasa, these locations will be directed tarsaari and Närpes are conside- X-ray examinations can be car-Pietarsaari and Närpiö. The de- to Vaasa or Närpiö. In the same red to have sufficient capacity to ried out on time and that patients cision will be made at a meeting way, the operations in Mustasaari handle the increased patient volu- can have the examinations peron 21 October 2024 as part of a will be discontinued and moved mes. In addition to avoiding large formed in a place that is as conlarger adjustment programme to to Vaasa. Laihela, which has al- investments in new equipment, venient as possible. improve the efficiency of heal- ready been out of action since the efficiency will also be improved beginning of the year, will not re- through better use of personnel changes for residents of North and equipment.

regional equality

However, the decision to con-

new processes must be estab-Vaasa Central Hospital, Pie- lished to ensure that emergency

However, there will be no Ostrobothnia, and Pietarsaari will Geographical disparities and continue to be responsible for the radiological activities in the area.

Future challenges and opportu-

### THIS PAPER CAN BE READ ANYWHERE:



Like here in Svalbard (Al-generated photo)

nities

Despite some geographical challenges, the wellbeing ser- the Act on Wellbeing Services groups: Unclear rules can lead to vices county sees great advanta- Counties provides the opportuniges in the new structure, especial- ty for financial support to council ly when it comes to dealing with groups, there are no clear and the ageing population's increased formally adopted principles for need for diagnostic imaging. A how this support is to be distrinew patient information system, buted and used in Ostrobothnia. to be introduced in 2024-2025, will also make it easier to share ments: The report criticizes the bothnia with others and shows transparent. examination results between dif- lack of requirements for receipts that several other areas have ferent units, improving both the when council groups report how clearer requirements for reefficiency and quality of care.

### Political party subsidy investigation shakes up the wellbeing services county of **Ostrobothnia**

A recently published audit report tions that clarify this. has shed light on the management of party subsidies in the Wellbeing Services County of Os- clear principles, the distribution les and effective control. trobothnia. The report, carried of aid risks becoming arbitrary out by the wellbeing services and creating suspicions of politicounty's own audit committee, cal influence. points to several shortcomings in

the report

Missing principles: Although

Unclear they have used the support. This makes it difficult to verify that lines the need for improvements the money is being used as in- in Ostrobothnia. tended.

support: Although the report sta- Services County of Ostrobothtes that the support is not a di- nia reveals serious shortcomings rect party support, there are no in the current process. In order clear formulations in the instruct to restore trust and ensure that

Deep dive into the problems

Difficulties in verifying use: The the process of applying, granting lack of requirements for receipts and reporting support to council makes it difficult for the audit to verify that the money is being Summary of the main points of used for its intended purposes.

This increases the risk of abuse.

uncertainty among the council groups about what is allowed to use the support for.

Comparison with other wellbeing services counties

The report compares the Wellreporting require- being Services County of Ostroporting and receipts. This under-

The audit report on political Lack of clarity regarding party party subsidies in the Wellbeing wellbeing services county must Risk of arbitrariness: Without take measures to create clear ru-

Suggested solutions

Develop clear principles: The county board should draw up detailed principles for the distribution and use of support to council groups.

Introduce requirements for

vouchers: To ensure that the Lack of clarity for the council money is used as intended, a requirement should be introduced that the council groups report their expenses with vouchers.

> Increase transparency: The process of granting and verifying aid should be made more

Train the council groups: The council groups should be given clear information about the rules and their obliga-

Independent review: An independent review can provide additional insights and recommendations.

It is now up to the Wellbeing the money is used correctly, the Services County of Ostrobothnia to address the problems identified in the report. By taking measures to create clear rules and effective control, it can be ensured that party subsidies are used correctly and that trust in the wellbeing services county is strengthened.

### This weeks art experience:



Helene Schjerfbeck 10.7.1862 - 23.1.1946 Madonna de la Charité, after El Greco, 1941

# **Helsingin Sanomat: The Tuira model** can save Finnish healthcare

In an article published on Oct 3 in Helsingin Sanomat, titled "Could Oulu's Tuira GP model save Finland's healthcare?", the discussion focused on the GP 2.0 model used at Tuira's health centre in Oulu.

This model has attracted significant interest as it has successfully improved primary healthcare in an area known for challenges such as unemployment and socio-economic problems. The Tuira health centre serves around 65,000 residents, and the goal of the model has been to reduce the burden on emergency and specialist care while improving continuity in patient care.

The core of the GP 2.0 model is straightforward: the population is divided alphabetically, and each group is assigned a designated doctor. This doctor takes responsibility for the patient's care over time, building continuity and increasing the patient's trust that their needs are taken seriously. The model has been in practice in Tuira for two years, and the results are promising: emergency visits and the need for specialist care have decreased, care quality has improved, and patient satisfaction has increased.

However, one of the model's biggest challenges is the high turnover of doctors. At Tuira health centre, roughly half of the doctors are replaced annually, making it difficult to build long-term patient-care relationships. While the model has slightly reduced turnover, further changes are needed to offer GP services to all patients.

The article also highlights that the GP model is not a new idea in Finland. In the 1980s and 1990s, Finland was an international pioneer in developing the GP system, but after the 1990s recession, the system broke down as doctors' responsibilities increased and their workload became unmanageable. Tuira has now modernised this old model, but for it to be implemented on a larger scale, more permanent doctors are needed.

The GP 2.0 model has also sparked interest in other parts of Finland. For example, both Espoo and Helsinki have proposed introducing the model as part of the solution to the crisis in primary healthcare. Although the model's biggest advantages are already



**Podcast in English:** Can the Tuira Model save Finnish healtcare? https://vpress.ovh/podcasts.htm

it could take up to six years their own doctor, more for the system to be fully implemented across the country.

A key issue is doctors' working conditions. Many doctors work part-time, which complicates the full implementation of the GP model. In Tuira, doctors often only work 80% of full-time hours, which partially extends waiting times location, are necessary for for non-urgent appointments. To improve continu- nationwide. visible in Tuira, experts say ity and ensure patients have

full-time GPs are needed in primary healthcare.

According to the article in Helsingin Sanomat, Oulu's Tuira GP model offers a promising solution to the challenges facing Finland's primary healthcare, but significant changes, particularly in the stability of doctors and resource althe model to be expanded



# Vaasa City Theatre's new dance piece «Vaikutetut (Influenced)» explores the boundaries of power and influence

On 24 October, Vaasa City Thea- and influence. tre will premiere a new dance we all influence each other - so- says that the work deals with lighting design. metimes without even noticing. power from the perspective of the influence of others?

The dance piece, featuring the and bodily. theatress own dancers Ulla Hyväluoma and Miika Alatupa as on the Julia Stage, and the age well as young people from Vaasa recommendation is for those Community College Alma, of- over 13 years old. In addition, fers the viewer the opportunity the theatre takes scent-sensitive to reflect on their own behaviour spectators into account by arranin relation to others and the sur- ging scent-free performances, in rounding society. The soundsca- which case the audience is asked pe inspired by folk music com- to arrive without fragrances. plements the whole and creates a strong atmosphere.

The work has been directed and choreographed by Marjo (no intermission) Kuusela, a pioneer of Finnish dance art, Academician of Art, who has been active in dance sin- years old ce the 1970s. Kuusela promises that the work will be a bodily exploration of the themes of power

What is yours in you and what is influencing and invites viewers to experience something unique

The performances take place

Presentation details: Release Date: 24.10.2024

Duration: approx. 1 h 15 min Harbour to open at

Stage: Julia

Fragrance-free shows: Fri 8.11. at 1 pm

Fri 29.11. at 7 pm

There is a strong team behind «Influenced» is part of Vaa- the performance: in addition to theatre production «Vaikutetut», sa City Theatress theme of the choreographer Marjo Kuusela, which dives into the multi-laye- season, «power», which reaches Maria Antman is responsible for red questions of power and influ- out with many voices to the phe- scenography, Jouni Tapio is reence. The work delves into relati- nomena of our time and society. sponsible for sound design and onships between people and how Theatre director Seppo Välinen Olli Haakana is responsible for

> They, who know a little more are They, who read Wasa **Daily**

### Winter swimming area in the Inner the end of October

spot at the Inner Harbour in popular last winter: the num-Vaasa will reopen at the end of ber of visitors in the winter October, week 44. The winter season exceeded 10,000. swimming area, which can be (vaasa.fi)

used free of charge by everyone, is open every day from 6 a.m. to 9 p.m.

Winter bathing area in the Inner Harbour, City of Vaasa / Christoffer Björklund

The winter swimming area at the end of Sandögatan has two warm changing rooms, one for women and one for men. The area around the jetty is illuminated and has recording camera surveillance.

The wake is kept open with the help of a pump. Down into the water you come along a ladder or less steep stairs.

The city has redeemed the changing rooms

The changing rooms with benches and coat hooks are open to everyone. In both changing rooms there are also four lockers for valuables, which you can lock with your own lock.



«We used to rent the changing rooms, but now we have redeemed them so that the city owns them. Now we can also make small improvements to the changing rooms, such as adding coat hooks and a floor drain,» says Jarmo Latvala, Service Manager of the green area team. who is responsible for the maintenance of the winter swimming area.

The winter swimming area, which opened in December 2023 and can be used free of Recommended age: over 13 The popular winter swimming charge by everyone, was very

# Consumption must change to save the climate Nordic report points the way towards lower climate impact

A new report from the Nordic operation. Council of Ministers presents our efforts, we a number of measures that can greater results significantly reduce our climate more sustainable consumption focusing footprint. Bv consumption-based emissions, Challenges and opportunities i.e. the emissions caused by the While the report presents a goods and services we consume, number of promising measures, we can make a big difference to there the climate.

consumption in the Nordic both political decisions region has a significant impact changing the Sectors such as food, electronics from all sectors of society. and fashion account for a large To achieve our climate goals, our consumption patterns.

Wide range of measures

of potential policy instruments commitment from all of us. reduce consumption-based Everything emissions. introducing requirements for providing consumers with better for Senior Wellbeing information about the climate The City of Vaasa has honoured success.

Strong regulations: Imposing strict requirements on products, such as emission standards for electronics, can be an effective way to reduce emissions.

Information for consumers: By providing consumers with clear information about the climate impact of their products, they can make more informed choices.

Economic instruments: Taxes and fees on products with a high climate impact can also be an friendly housing effective tool.

Cooperation across borders

Bv coordinating can achieve on throughout the region.

are also challenges. Changing consumption patterns The report highlights that our is a complex issue that requires

behaviors on the environment, both within individuals and companies. It will our own borders and globally, take time and require cooperation

part of our emissions. To achieve we need to change the way we the climate goals, we must consume. By implementing the therefore not only reduce our measures proposed in the report, direct emissions, but also change we can significantly reduce our carbon footprint and create a more sustainable future. However, it The report presents a long list requires both political will and

# from Jonas Nylén named sustainability in products to **Promoter of the Year**

impact of the products. Experts Housing Manager Jonas Nylén who participated in the study with the Promoter of the Year highlight that a combination of 2024 award. The award was different measures is the key to presented at the annual senior party organized by the Vaasa Senior Council on October 11.

> Since 2000, the Council for the Elderly has annually rewarded people or groups who have made significant efforts to improve the quality of life for seniors. This year, the choice fell on Jonas Nylén, who in his role in the real estate sector has worked actively to create better living conditions for the city's elderly residents.

Committed to the work for age-

According to the chairman of national the Vaasa Elderly Council, Irmeli Mandell, Nylén has been a driving The report also emphasises force in promoting accessibility the importance of Nordic co- issues and senior housing in the



plan for an age-friendly city and banquet hall. The award is made sure that the council for the given to a person or group that elderly has been involved in the has significantly improved the process.

commitment to the extension marginalization. of senior housing and the employment of housing advisors been invaluable," Mandell.

together"

highlighted the importance of the and member Jussi Perttola. City collaboration with the Council of Vaasa / Susanna Saari the Elderly.

"It has been both fun and Want to know more? important to work together with the council for the elderly. We have implemented several Those who are best informed friendliness work," says Nylén.

an initiative that originally came happening both locally from the Elderly Council.

Well-being promoters rewarded annually

nominate choice. Anyone candidates for the award via the Elderly Council's website or the what really matters.

city. He has led the work on the suggestion box in Berghemmet's health, participation or quality "Jonas Nylén has done more of life of seniors, as well as than his job requires. His worked to reduce loneliness and

Photo: Vaasa Elderly Council says has chosen housing manager Jonas Nylén as a promoter of "We have achieved a lot the well-being of seniors. The diploma was presented to Nylén Jonas Nylén himself expressed by the Chairman of the Vaasa his gratitude for the award and Elderly Council Irmeli Mandell

# **Read Wasa Daily!**

measures as part of the city's age- are those who read Wasa Daily. With us, you always get the Vaasa is a member of the WHO latest news, in-depth analysis network of age-friendly cities, and perspectives on what is globally. For those who want to are know more - and understand more – Wasa Daily is the obvious

Join us to stay up to date on

### **EVENTS**

### **ATENEUM**

### Gothic Modern - From **Darkness to Light**

4 October 2024 to 26 January 2025.

Medieval and Renaissance art provided 20th-century artists with emotional material and ways to deal with fundamental human feelings, as well as birth. death, suffering and sexuality The artists featured in the exhibition include Arnold Böcklin. Lucas Cranach the Elder, Akseli Gallen-Kallela, Vincent van Gogh, Theodor Kittelsen, Käthe RA Kollwitz, Edvard Munch, Hugo Simberg, Helene Schierfbeck, Marianne Stokes, and Gustave Van de Woestvne.

After its debut at Ateneum, the exhibition will travel to the National Museum, Norway and the ALBERTINA Museum, Vienna, where it will be curated by Vibeke Waallann Hansen and Cynthia Osiecki (Curators, National Museum, Norway) and Ralph Gleis (Director, Alte Nationalgalerie), respectively.

The exhibition to be complemented by a comprehensive exhibition catalogue

### **ART CENTER TORNI**

8.10-27.10.24

Jari Boelius Floweer Flow Exhibition

Pitkäkatu 66

### RIT7 21.10.24

### **Myrskyluodon Lasse**

- Lasse Mårtensons unforgetable melodies Ami Aspelund Jannike Nicke Lignell

### **NATIONAL** ENTREPRE-**NEUR DAYS**

Seinäjoki

11-12-10.2024

Entrepreneurship is a force that unites us all! https://me.yrittajat.fi/valtakunnalliset-yrittajapaivat/

### **HELSINKI BOOK FAIR**

24-27.10.24

Helsningin Messuhalli https://kirjamessut.messukeskus.com/

### WORLD OPERA DAY 25.10. 2024

World Opera Day is celeb- TIKANOJA rated on 25 October, the birthday of Georges Bizet and Johann Strauss II https://www.worldoperaday.com/

## WORLD OPERA DAY OPE- 16.11.24

Opéra Orchestre National Montpellier Occitanie La Bohème

Streamed on 25.10.2024 at 20h00. Available un- RITZ til25.04.2025

"What better way to celebrate World Opera Day together than with La Bohème? Touching, comic, realistic and roman- STUNDARS tic, Puccini's most popular opera is a timeless testament to the power of love MEDIALANGUAGE (In Sweadversity."

https://operavision.eu/

### **LAUTASELLA-messut**

About special diets Helsningin Messuhallissa 26-27.10.24 www.keliakialiitto.fi/ messut

### **RITZ**

Michael Monroe - Acoustic solo tour 1.11.2024

### RIT7

16.11.24

www.ritz.fi

at 14 and 19 **AUTIOTALO** 

Musikaali Dingo-huumasta

www.ritz.fi

RUSK

Chamber Music in Jakobstad

19-23.11.2024

The Beauty of Longing International creativity at the darkest time of the year ruskfestival.fi

### THE ART EVENT OF THE VAASA CITY THEATRE YEAR!

Eero Järnefelts exhibition opens on Nov 23, 2024

### **RITZ**

at 14 and 19 **AUTIOTALO** 

Musikaali masta

www.ritz.fi

30.11.24

at 14 amd 19 Paradise **BADDING-musical** www.ritz.fi

1.12.24

Christmas Market

## to blossom in the face of dish) 2025: Seminar XX

Vaasa 22-23 Januari 2025



Media Language 2025 is organised by the Swedish Press Service and the Centre for Lifelong Learning at Åbo Akademi University

in collaboration with Svenska Yle, Hufvudstadsbladet Ab, HSS Media, ÅU Media, Friends of Swedish Public Schools, the Åbo Akademi University Foundation, the Swedish Cultural Foundation in Sweden, the Harry Schauman Foundation and Konstsamfundet.

https://www.mediesprak.fi/seminariet/

# TOSCA-ooppera

Premisere Jan 12.2025 https://www.vaasa.fi/ koe-ja-nae/kulttuuria-vaasassa-ja-seudulla/vaasan-kaupunginteatteri/tos-

### Dingo-huu- ILMAJOKI MUSIC FESTI-VΔI

"BIG Wrath 1713-1721" 6.-15.6.2025

"This powerful and topical opera brings the years of hatred and the fates of our ancestors back to the banks of the Kyrönjoki River.

Big Wrath is a shaking and nourishing story about family ties, maternal love, perseverance, and the power of cooperation during a time, when Russia's brutal war of

aggression against Finland burned Ostrobothnia to black soil."

www.musiikkijuhlat.fi

### **KORSHOLM MUSIC FESTI-**VAL

23.7.-30.7.2025

"Korsholm Music Festival 2024 and Tove Teuvalla Opera are over and autumn is approaching. Now we are already working on the Summer 2025 Music Festival. However, we want to return to the warm days and festival atmosphere of July and August." Korsholm Music Festival will be held next year 23.-30.7.2025.

https://korsholmmusicfes-

### **CLIMATE CHANGE**

# The Terrifying Reality of Climate Change in 2024

2024 has been a year of climatic extremes, highlighting the terrifying reality of climate change. This essay will explore the key findings from three reports published by the Copernicus Climate Change Service (C3S), which paint a grim picture of a warming planet and its devastating consequences.

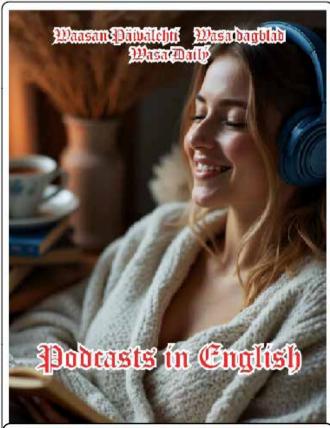
The first report, examining September 2024, reveals that it was the second warmest September on record globally and for Europe. This alarming trend is particularly concerning as it marks the 14th consecutive month where global temperatures have surpassed 1.5°C above pre-industrial levels. These rising temperatures are not merely statistics – they translate to real-world consequences, as evidenced by the extreme rainfall events that struck parts of Europe in September.

The second report focuses on the summer of 2024, detailing the unprecedented heat stress experienced in southeastern Europe. This region witnessed record-bre-

aking heat, further amplifying the urgency of addressing climate change. The report also highlights the disparity in precipitation across Europe, with below-average rainfall in most areas and above-average levels in some northern regions. These changes in precipitation patterns can lead to droughts in some areas and floods in others, causing significant disruptions to agriculture and ecosystems.

Finally, the third report confirms that August 2024 was the joint-warmest August ever recorded globally. This finding aligns with the broader trend of rising global temperatures, with August marking the 13th month out of the past 14 where temperatures exceeded 1.5°C pre-industrial above levels. The report also highlights the concerning rise in average sea surface temperatures, which can have a profound impact on marine ecosystems and weather patterns.

The findings from these C3S reports serve as a stark reminder of the accelerating pace of climate change. The year



Podcast in English: The Terrifying Reality of Climate Change https://vpress.ovh/podcasts.htm

2024 has witnessed record-breaking temperatures, extreme weather events, and disruptions to hydrological patterns. These are not isolated incidents; they represent a consistent trend that demands immediate action.

Quantifying Climate Change and Its Impacts Specific Statistics and Data from the C3S Reports

The Copernicus Climate Change Service (C3S) reports provide a

wealth of data to quantify the extent of climate change. Key findings include:

Global Temperature Rise: The reports consistently show that global temperatures are rising at an alarming rate. In 2024, several months surpassed 1.5°C above pre-industrial levels, a critical threshold identified by the Paris Agreement.

Extreme Heat Events: The summer of 2024 witnessed record-breaking heatwaves in southeastern Europe, with temperatures soaring to unprecedented levels. These heatwaves had severe consequences for human health and agriculture.

Precipitation Anomalies: The reports highlight significant disparities in precipitation patterns across Europe. Some regions experienced below-average rainfall, leading to droughts, while others faced excessive rainfall, resulting in floods.

Sea Surface Temperature Increase: The average sea surface temperature has been steadily rising, contributing to warmer ocean temperatures and affecting marine ecosystems.

# Real-World Impacts of Climate Change

The impacts of climate change are evident in various parts of the world. Here are some examples:

Heatwaves: Extreme heatwaves have become more frequent and intense, leading to heat-related illnesses and deaths. In 2024, many regions experienced record-breaking temperatures, putting vulnerable populations at risk.

Droughts: Prolonged droughts have affected agricultural production, water resources, and ecosystems. In some areas, the lack of rainfall has led to water shortages and wildfires.

Floods: Heavy rainfall events have caused widespread flooding, damaging infrastructure, displacing communities, and causing economic losses. Climate change is increasing the frequency and intensity of these events.

Wildfires: Rising temperatures and drier conditions have contributed to a surge in wildfires, destroying forests, homes, and wildlife habitats. The smoke from wildfires can also pose significant health risks.

Rising Sea Levels: The melting of glaciers and ice sheets is causing sea levels to rise, threatening coastal communities and ecosystems. This phenomenon is exacerbated by thermal expansion of ocean water as it warms.

These are just a few examples of the real-world impacts of climate change. The consequences are far-reaching and affect all aspects of human life and the environment. Addressing climate change is essential to mitigate these impacts and ensure a sustainable future.



### **MUSEUM**

# The Lenin Museum in Tampere closes for good in November

### A chapter in Finnish history comes to an end



The Lenin Museum in Tampere, one of Finland's most talked-about tourist attractions, will close its doors forever in November. The decision has been made by the museum's board after several years of financial difficulties.

The museum, which was inaugurated in 1946, has been a controversial place over the years. It has been both hailed as an important part of Finland's history and criticized for glorifying a dictator. The museum

has displayed objects from Lenin's life and work, and has been a popular destination for both Finnish and foreign visitors.

"A difficult decision"

"This is a very difficult decision to make." "But after careful consideration, we have come to the conclusion that running the museum is no longer sustainable."

In recent years, the museum has had difficulty attracting visitors, visitors from Russia have disappeared completely and revenues have fallen sharply. In addition, it has also become increasingly difficult to find funding to maintain the museum.

What happens to the collections?

What will happen to the museum's collections has not yet been decided. There are discussions about donating the objects to other museums or archives.

A controversial story

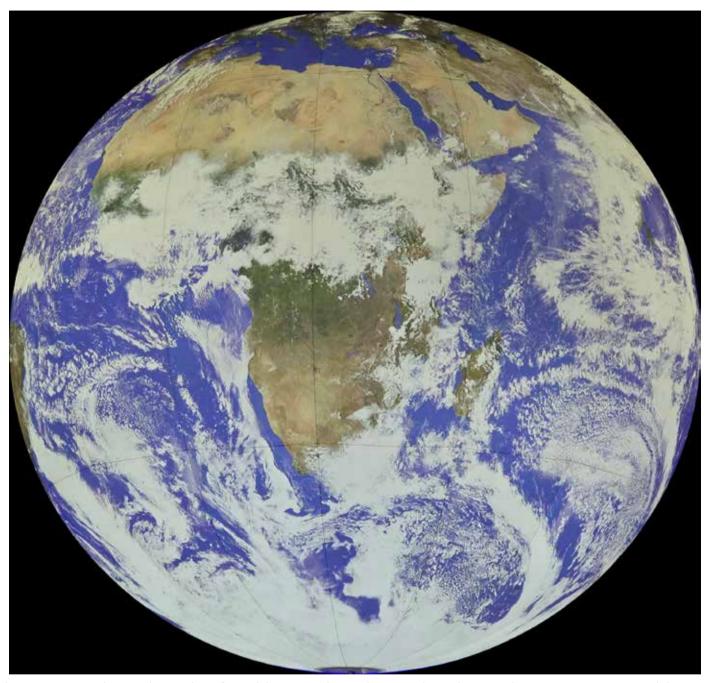
The Lenin Museum has always been a controversial place. On the one hand, the museum has played an important role in documenting Finland's history and the relationship between Finland and the Soviet Union. On the other hand, the museum has been criticized for glorifying a dictator who was responsible for the deaths of millions of people.

The closure of the Lenin Museum will undoubtedly provoke strong reactions. For many, it will be a sign that an era has gone to the grave. For others, it will be a relief.



# GAIA IN THE HELSINKI CATHEDRAL

# GAIA - A globe in the Helsinki Cathedral



artwork Gaia has taken the opportunity to see the Earth more sustainable future. world by storm and now it's from a whole new perspective Future" event.

installation. It is an experience responsibility and our place in the universe. creating a similar experience environment. Based on detailed NASA on Earth, Jerram wants to images of the Earth's surface, inspire us to take care of our

Jerram's impressive Gaia offers visitors a unique planet and work towards a seven-metre

An exhibition for the Finland's turn. In October - floating in three dimensions. future The exhibition at images allow you to recognize 2024, the seven-metre globe What is the "Overview Helsinki Cathedral is part of famous landmarks and oceans. will adorn Helsinki Cathedral Effect"? The artwork is a larger initiative to promote as part of the "Sustainable inspired by the so-called discussions about the future The specially composed sound "Overview Effect", a sense of our planet. By combining enhances the experience and Gaia is more than just an art of wonder, connection and art, science and community creates a feeling of floating in that many engagement, the event aims space. that aims to awaken a deeper astronauts experience when to inspire both young and old understanding of our planet they see Earth from space. By to take responsibility for our speaks to everyone, regardless

Why is Gaia so special?

impressive to see up close.

Detailed images: NASA

Atmospheric

Universal Message: Gaia of background or interest.

It is worth not missing Magnificent scale: The this unique opportunity to

\*15\* Wasa Daily 20.10.2024



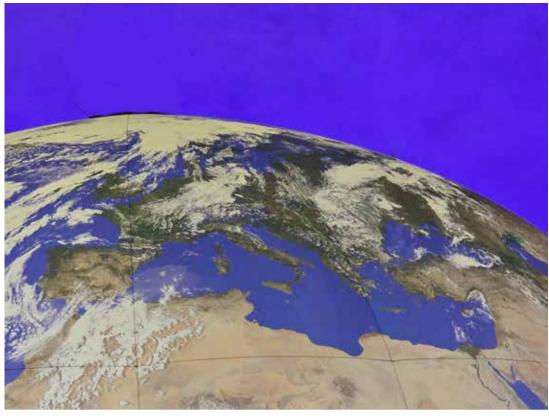


experience Gaia in Helsinki! The exhibition is a must-see for anyone interested in art, science, the environment and the future of our planet. Visit Helsinki Cathedral in October 2024 and let yourself be touched by Gaia.

Gaia offers the possibility seeing the Earth in three dimensions and on an impressive scale: 1 cm in a work of art is actually equivalent to 18 kilometers on the Earth's surface. The work is surrounded by spatial sounds created by BAFTAwinning composer Dan Jones. The work will be shown as part of the Sustainable Future event. Multi-award-winning British artist Luke Jerram is known for his unique sculptures, installations and live art performances. He is particularly known for his large-scale public artworks, which have inspired and exhibited in more than 800 exhibitions in more than 50 countries. The Gaia artwork can be viewed during church visits for an entrance fee of five euros. The entrance fee does not apply to members ressive Earth, is more than Bringing people toget- have consequences for futupeople under the age of 18. School groups can visit the about our planet and our tures, generations, event.

7 to 26 October and the and create change in a way thoughts and feelings. cathedral's address be known to everyone, but here it is: Uniongatan 29. can be summed up in a few a tool for social change. By important role in shaping The main entrance is closed important points: for repairs, but the entrance

disproportionately



Gaia, Luke Jerram's imp- sumption patterns. that words alone cannot.

from Senate Square is open. context: Art gives us an op- activism and change. When you see the globe, portunity to reflect on our Gaia as a catalyst for ting meaningful expeyou are probably surprised lives, our values, and our change: at how small Europe is. In place in the world. Gaia, ordinary maps, Europe is with its detailed depiction example of how art can be Id. large of the Earth, invites us to used to drive social chan-

mething bigger.

On Saturday 26.10, an Challenging norms and Earth, Gaia can: evening service will be ce- perspectives: By presenting Raising awareness about lebrated "under the globe" new ways of looking at the climate change: By shoinspired people around the led by Aki Kekkonen and world, art can challenge our wing the beauty and vulneworld. Jerram's work has been Inka Kinnunen. Theology prejudices and encourage rability of the Earth, Gaia student Riina Pelto speaks. us to think critically. Gaia, can inspire us to take care for example, can inspire us of our planet. **The Role of Art in Socie-** to question our relationship Promote ty: A Reflection from Gaia with nature and our con- The artwork can serve as

of the Cathedral parish and just a work of art. It is a her: Art can act as a brid- re generations. catalyst for conversations ge between different cul- Foster a sense of global school for free during church place in the universe. By social groups. Exhibitions that we all share the same visiting hours during the engaging our senses and like the one with Gaia can planet, Gaia can foster a emotions, art has the abili- create meeting places whe- sense of belonging and res-The exhibition runs from ty to awaken an awareness re people can share their ponsibility.

Driving social change: Art Art,

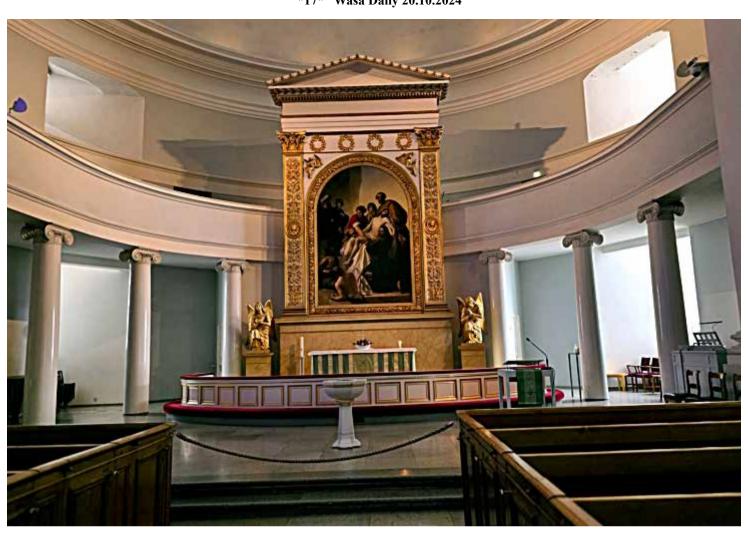
because of the map projec- see ourselves as part of so- ge. By creating a visual and emotional experience of

a reminder that our actions

and citizenship: By showing

especially The role of art in society has a long history of being works like Gaia, play an highlighting important so- our society. By engaging Creating meaning and cial issues, art can inspire our senses, challenging our thoughts, and creariences, art can inspire Gaia is an excellent us to create a better wor-

\*17\* Wasa Daily 20.10.2024





### **ASTRONOMY**

# Comet A3: A celestial visitor lights up our nights



in our solar system. Co- dark and clear nights. conditions.

Comets are like time capsules from the early days of When and where can I see to adjust to the darkness. around the world.

### What makes comet A3 so special?

Brightness: One of the met: brightest comets in decades. Find a dark spot: Light collisions."

sually spectacular guest with the naked eye during make it difficult to see the flected from the comet, the

made its closest pass to long orbital period around view. Earth and is visible to the Sun, which means that Check the weather fore- clues about the conditions naked eye under the right it could be thousands of cast: Clear skies are a must in the early solar system years since it was last close to be able to see the comet. when the planets formed. to Earth.

the solar system. They are the comet? The best time to made up of ice, dust and see the comet is just after Why should we care cules, the building blocks of gas, and as they approach sunset, when the sky is dark about comets? the Sun, they heat up and enough. Look for a diffu- Comets provide us with a lecules, we can gain a better form a luminous tail. Co- sely luminous object with unique opportunity to study understanding of how life met A3, with its impressi- a tail extending out from a the early history of the solar arose on Earth and whether ve brightness, has attrac- central core. The comet will system. By analyzing their there is life on other planets. ted a lot of attention from be visible in [specify cons- composition, scientists can Don't miss this unique astronomers and stargazers tellation, e.g. Leo] and will gain a better understanding chance to see a comet with move across the sky in the of how the planets formed. your own eyes! Bring a coming weeks.

comet.

Tsuchinshan-ATLAS, has that comet A3 has a very scope: For an even better are present in its nucleus.

Be patient: It may take a few minutes for your eyes

Tips for seeing the co- by studying them, we can an experience you won't better prepare for future soon forget.

Right now we have an unu- Visibility: Can be seen pollution from cities can By analysing the light reresearchers can identify met A3, also known as Long period: It is likely Use a telescope or tele- which chemical compounds This can give us important

> Comets like A3 are considered 'dirty snowballs' and can contain organic molelife. By studying these mo-In addition, comets can friend or family and head pose a danger to Earth, and out under the starry sky. It's

## **HEALTH**

# It Pays to Be Happy and Well-being: You Don't Get Dementia

As life expectancy increases and the global population ages, we are faced with an undeniable challenge: how to reduce the growing burden of neurodegenera-tive diseases like dementia. Dementia, with Alzheimer's disease as its most common form, has been on the rise for decades. An estimated 139 million pe-ople worldwide are projected to be living with dementia by 2050. Alarmingly, over 10 million new cases are diagnosed each year roughly one every three seconds.

However, new research provides hope and offers a refreshing perspective: well-being may hold the key to preventing, or at least mitigating, the risk of demen-tia. While most public health strategies focus on biomedical interventions, emerging evidence suggests that promoting mental wellbeing and fostering positive emotions could serve as powerful tools in dementia prevention. A Decade of Research Linking Well-Being to Brain Health A landmark study conducted by researchers from the Well-being and Emotion across the Lifespan Lab (WELLab) at Washington University in St. Louis, and highlighted

in the 2024 World Happiness Report, shows a strong correlation between well-being and a reduced risk of dementia. This interdisciplinary rese-arch, spanning over a decade, makes a compelling case for the protective ef-fects of to engage in activities well-being on the brain. The study's findings are based on data collected from older adults in Chicago and Illinois, starting in 1997. Participants underwent annual evaluations of their cognitive abilities and provided self-assessments of their emotional states and overall well-being. The researchers found that individuals who consistently re-ported higher levels of well-being were less likely to develop memory and thin-king impairments, even when they had the biological markers associated with Alzheimer's disease. While the exact mechanisms behind this link remain unclear, the results strongly suggest that the resili-ence needed to maintaining high levels of well-being throughout life could help delay or even prevent the onset of dementia. Well-Being: A Buffer Against Dementia? The research also touches on a broader question:

why is there a connection

between well-being and

brain health? According

to Dr. Emily Willroth, Director of WELLab and one of the study's lead researchers, there are several factors that might explain this relationship. "People who report higher well-being are more likely known to promote brain health, such as regular physical exercise, social inte-raction, and mental stimulation," says Dr. Willroth. These activities have long been associated with a reduced risk of cognitive decline, but the study goes a step further by suggesting that well-being may also act as a buffer against the harmful effects of stress. a known contributor to neurodegenerative diseases. emot-ional stability and Dr. Kyrsten Costlow Hill, another co-author of the study, explains that stress can damage the brain's critical systems responsible for maintaining cognitive function. Higher levels of well-being, on the other hand, may provide withstand or counteract this damage. What Does Well-Being Look Like for Those Already Living with

Dementia?

While well-being is now

recognized as a potential

preventative measure, it

also plays a crucial role

in improving the lives of

those already living with

dementia. The WELLab team emphasizes that well-being interventions can enhance autonomy, competence, and relatedness, even in advanced stages of dementia. Simple activities such as physical exercise, spending time outdoors, and enga-ging in social activities have shown significant benefits for individuals with de-mentia. These interventions not only improve mood and cognitive function but also increase life satisfaction. Moreover, methods like reminiscence therapy, where individuals are encouraged to reflect on past memories, can foster enhance overall well-being. Aging in place—remaining in one's home rather than relocating to an institution—has been shown to be particularly effective in boosting the well-being of older adults with dementia. By using home adaptations, assistive technologies, and maintaining social connections, individuals can experience greater satis-faction with life. Dementia villages, which provide a safe yet familiar environ-ment, have also emerged as a model for maintaining dignity and quality of life for those affected by the disease. The Path Forward: Acting



on What We Know Despite the promising findings, Dr. Willroth stresses that there is no "miracle cure" for dementia. However, the evidence points toward actionable steps that can be taken today to reduce the risk of this devastating condition. Public he-alth initiatives should prioritize well-being as a cornerstone of dementia pre-vention. As engagement are all the global population ages, the demand for strategies that not only treat but also

prevent neurodegenerative diseases will continue to rise.

Incorporating well-being into daily routines is not just a matter of living a hap-pier life; it may also be the key to preserving cognitive function well into old age. Physical activity, social interaction, mindfulness practices, and positive emotional accessible and effective means of improving both mental health and brain

health.

As the research suggests, investing in well-being pays dividends far beyond happiness—it may hold the being, both in our personal key to unlocking a future with fewer cases of dementia. While we cannot completely eliminate the risk of developing neurode- burden of dementia on generative diseases, the steps we take today toward society. After all, the cost fostering mental and emot-ional well-being may is far too high—for our reduce the likelihood of dementia for millions. In a world where dementia

remains one of the most pressing public health chal-lenges, we must act now. Prioritizing welllives and through public health policies, can lead to healthier aging and, ultimately, a re-duced individuals, families, and of ignoring well-being minds, our bodies, and our collective future.

### **ENERGY DRINKS**

# Should We Be Worried When Our Teenagers Drink a Lot of Energy Drinks?

Energy drinks have become in- even arrhythmias in some cases. creasingly popular among teena- • is this sudden surge in caffeine prone to stress. and other stimu-lants like taurine • asons to be cautious.

### **Taurine**

Most energy drinks contain high • nervous system, temporarily im- de-pendency. proving alertness and concentra- What About Taurine? tion. For adults, moderate caffei- While taurine is considered safe ne consumption is generally safe. in moderate amounts, the long-However, for teenagers, who are term effects of combining it with still developing physically and high doses of caffeine are not mentally, the story can be diffe- well-studied, especially in young

ergy drinks contain taurine, an taurine in energy drinks can lead amino acid that helps regulate to overstimulation, particularly water and mineral levels in the affecting the heart and nervous blood. While taurine is natural- system. Though studies on taurily present in meat and fish, the ne's specific risks are ongoing, amounts found in energy drinks it's a good idea to limit intake unare much higher. Taurine has til more is known. been shown to support heart and Academic Impact muscle function, but in combi- Teenagers are often drawn to ennat-ion with caffeine and other ergy drinks to stay alert during stimulants, its effects in adole- study sessions or to perform betscents are not fully understood. ter in school. But the temporary

How Much is Too Much?

caffeine for teenagers is around tired and less focused than befo-100 mg, roughly equivalent to re. Instead of improving acadeone cup of coffee. Many ener- mic performance, energy drinks gy drinks exceed this amount may end up ma-king it harder for in just one can, and some teens students to concentrate, rememconsume multiple cans a day. ber information, and manage Over-consumption of caffeine stress. including:

and Blood Pressure: Excessi- me energy drinks and disrupt mental and physical health. heart race, causing palpitations or be undermining their ability to boost during study sessions, sug- tained energy and well-being.

- Anxiety and Jitters: Too gers, with bright cans promising much caffeine can lead to fea quick boost of energy to power elings of restless-ness, anxiety, through long study sessions, or even panic attacks, especially sports, or social activities. But in teenagers who may al-ready be
- Sleep Disturbances: Ensomething parents and teachers ergy drinks consumed later in the should be concerned about? The day can inter-fere with a teenashort answer is: yes, there are reger's sleep, leading to insomnia or poor sleep quality, which in The Ingredients: Caffeine and turn affects academic performance and mood.
- Dependence: Teens levels of caffeine, often signifi- who rely on energy drinks may cantly more than what's found develop a tolerance to caffeine, in a cup of coffee. Caffeine is a needing more to feel the same stimulant that affects the central effects, potentially leading to

people. Some experts are concer-In addition to caffeine, many en- ned that the mix of caffeine and

boost in energy is often followed The recommended daily limit of by a "crash," leaving them more

> brain development and learning. Increased Heart Rate When teenagers regularly consu-



retain information and perform gest drinking water, herbal tea, well in school. Long-term sleep or a small cup of coffee within deprivation is linked to memory recommended limits. These alproblems, lower cognitive func- ternatives provide hydration and tioning, and even mental health a gentle energy lift without the issues like depression.

### **Encouraging Healthier Alter-** drinks.

extreme side effects of energy

### **Moderation is Key**

As tempting as energy drinks While the occasional energy may be, there are healthier ways drink is unlikely to cause serious for teenagers to stay energized harm, consistent and excessive and focused. Encouraging a ba- consumption can lead to health lanced diet, regular exercise, issues, especially in developing and proper hydration can provi- teenagers. The combination of de natural and sustained energy high caffeine and taurine levels throughout the day. Developing makes energy drinks a less-thancan lead to various side effects, Moreover, sleep is crucial for good sleep habits, such as going ideal choice for young students. to bed and waking up at the same As parents and educators, it's time each day, is key to long-term important to educate teens about the risks and encourage them to ve caffeine intake can make the their sleep patterns, they may For teens who need a little extra make he-althier choices for sus-

# **RUSKA - AUTUMN COLOURS**

# The Magic of Autumn: Nature's Colour **Palette in Autumn**

re become softer and cold. deeper. The leaves, which glowed green in summer, now dress in variegated attire. Red, orange and yellow blend to create an untiful views of Finnish around the world. nature.

reworks of colors has musicians land's art heritage.

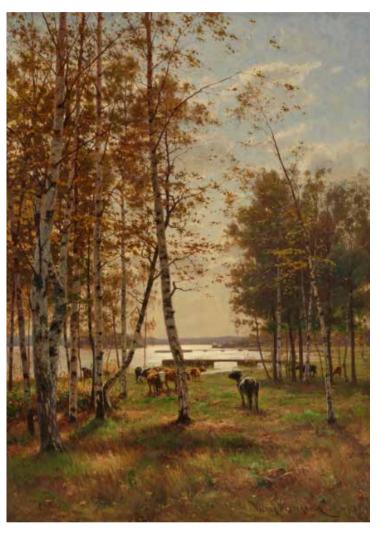
lorful in autumn? The constantly changing. answer lies in the dyes contained in the leaves. In summer, the leaves best places to admire are green thanks to chlo- autumn. The forests are fall colour? rophyll, which helps the dressed in colourful cosautumn, when the days the colours of autumn and get shorter and the tem- the air is filled with fresh duce chlorophyll produc- begins in the north and more beautiful. tion. In this case, other proceeds south. The best xanthophyll and orange tember and October. carotene, appear. In addition, some trees produce

Autumn arrives, and red anthocyanin, which the colors of natu- protects the tree from the

Autumn is much more than just a beautiful sight. It affects nature and people in many ways. Birds migrate to warmer countries, animals store food forgettable color pa- for the winter, and people lette in the landscape. go out to enjoy the bri-This phenomenon we lliance of autumn colours. call autumn, and it is Autumn is also an imporone of the most beau- tant part of many cultures

Ruska has indeed ins-It is natural that this fi- pired poets, artists and throughout inspired many Finnish the ages. Its beauty has artists. Here are a few aroused strong emotions autumn paintings of Fin- in people and given rise to many beautiful works. Autumn is like nature's Why do leaves turn co- own work of art, which is

Finland is one of the



Victor Westerholm 4.1.1860, Turku 19.11.1919, Turku Oktobersdag på Åland, 1885 Lokakuun päivä Ahvenanmaalla, 1885

plant photosynthesise. In tumes, the lakes reflect the best place to experient tumn days. ce all shades of autumn.

Visit the lakeside: Wa- Autumn is a miracle of

How can you enjoy the the window or balcony. our autumn.

Take photos: Capture Go hiking: The forest is memories of beautiful au-

perature drops, trees re- scents. Autumn usually ter motifs make fall even nature that delights year after year. It is a remin-Admire the fall from der of how beautiful and dyes, such as yellow autumn months are Sep- home: If you can't get diverse our world is. So into the forest, you can let's enjoy this unique also enjoy the fall from time and let autumn color



Akseli Gallen-Kallela 26.4.1865, Björneborg 7.3.1931, Stockholm Höstlandskap, 1911 Syysmaisema, 1911 Autumn Landscape, 1911



Magnus Enckell 9.11.1870, Hamina 27.11.1925, Tukholma Maisema, jossa nainen, 1894 - 1895





Fanny Churberg 12.12.1845, Vaasa - 10.5.1892, Helsinki Höstlandskap, 1878 Syysmaisema, 1878 Autumn Landscape, 1878



Torsten Wasastjerna 17.12.1863, Helsinki - 1.7.1924, Helsinki Varisevia lehtiä (Varisevien lehtien tanssi), 1897

### **ENVIRONMENT AND HEALTH**

# Bed bugs - disgusting, but harmless Everything you want to know about bed bugs



Bed bugs can be one of the most feared household pests, often evoking feelings of disgust and anxiety. While bedbugs are certainly unwanted guests, they are generally considered harmless in terms of spreading disease.

In this article, we'll explore everything you need to know about bed bugs, including history, their appearance, how they infect living spaces, prevention strategies, and treatment options.

What are bed bugs?

History

in Egyptian mummies. In now it's time for a meal!. London in the 1930s, about sed again.

They have lived with hu- bugs there. mans for so long that be-

enough for bedbugs to hide. ticides. DDT was very ef-Ancient pests: Bed bugs This is one of the reasons fective against this defect, (Cimex lectularius) have why they are so difficult to but it was banned almost 50 been part of human his- manage. But at night, when years ago for environmental tory for thousands of years. it's dark and a person sleeps reasons. They have even been found in the bedroom - o la la -

one in three homes had bed most a year without food. in many large cities in Finbugs, but after the war the So the fact that the home land. This is likely to apply incidence decreased drasti- has not been used for a to Vaasa as well, although cally but gradually increa- long time does not guaran- exact statistics are not avaitee that there can be no bed lable.

dbug populations have lear- After a significant decline knows someone in whose ned to survive in human in pesticide use in the mi- apartment this parasite was environments. They are d-20th century, bed bugs found. very adept at hiding during have made a significant the day when there is light. comeback in recent years, There is hardly a skirting largely due to increased board, behind which there international travel and re- Adult bedbugs are small, would not be a gap large sistance to common insec- flat and oval, about 4-5 mm

This year, it has been reported in the news that be-Bed bugs can survive al- dbugs are spreading badly

When people talk, it tur-Decline and recovery: ns out that almost everyone

### **Appearance**

Physical characteristics:

long. They are reddish-bro- to humans. However, scding. In size and appearan- should be borne in mind. ce are very similar to apple seeds.

Nymphs and eggs: Young bedbugs or nymphs are needlehead.

## How do you get bed

from contaminated places like hotels, public transpaces.

Social settings: They can high heat. also spread in places wheareas.

### How to avoid bed bugs

bed frames and furniture. stage of life. Look for signs of bed bugs, such as dark spots (feces) or shedding skins.

Preventive measures:

Use tarpaulins for mattresses and box springs.

beds or upholstered furnituin terms of the spread of Remember, staying up Kuva 2: https://archive.org/dere in hotels.

high heat after travel.

Do bed bugs transmit diseases?

hough bed bugs can cause unwanted pest. By ta-expertise is needed! itching and discomfort due king preventive measuto their bites, they are not res and acting quickly known to transmit disease

wn in color and become ratch bites can lead to semore and darker after fee- condary infections, which

### How to treat bed bugs

Identification

Confirm the infection: If smaller and lighter in color, you suspect bed bugs, take a while eggs are small, whi- sample for identification or te, and about the size of a look for other signs such as bites, feces, or blood stains.

Treatment options

Professional destruction: bugs in your apartment? Hiring a pest control pro-Common sources: Bed fessional is often the most bugs are introduced into effective way to eliminate homes mainly through used a bed bug infestation. They furniture, luggage or clo- have access to specialized thing. They can get a ride treatments and insecticides.

Do it yourself: Methods:

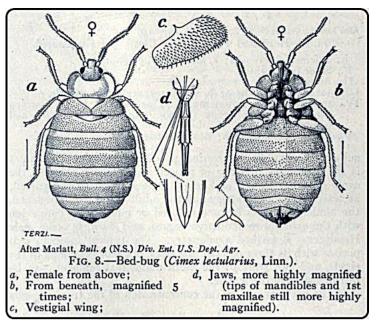
Washing: Wash all bedsportation, or shared living ding, clothes and fabrics in hot water and dry them over

Vacuuming: Regularly re people gather, making vacuum areas where bedthem a concern in dorms, bugs can hide, including theaters, and other common carpets, crevices, and furniture. Dispose of the vacuum bag immediately.

Steam cleaning: Inspection: Check your steam cleaners to treat conliving space regularly, es- taminated areas because pecially around mattresses, heat can kill bed bugs at any

### **Conclusion**

Although bed bugs if you suspect an infes- Harvard University, Dr. Gary Al-Avoid placing luggage in ally not a health hazard and effective treatment infestations



Encyclopædia Britannica:ssa 1911



Bed bug bite marks

can be disgusting and tation, you can protect pert; Dr. Harold Harlan; Richard Pollack. Photo Credit: Piotr Nasannoying, they are usu- your home from these krecki resilient little critters. Public domain disease. Understanding to date is your best de- tails/encyclopaediabrit13chis-Wash and dry clothes over their behavior, spread, fense against bed bugs! rich/page/260/mode/lup?-

And there really is no can reason to panic! Bed Kuva 3. Generally harmless: Alt- help you control this bugs can be treated, but Domain Dedication

> Kuva 1: Wikimedia Commons. Content Providers(s): CDC/

view=theater

Hermann Luyken, Creative Commons Zero, Public

## **EXHIBITIONS**

# In Eero Järnefelt's exhibition fascinates the big and small themes of nature. On Nov 23, it comes to Tikanoja in Vaasa



On Nov 23, the Tikanoja Art House in Vaasa will host an exhibition covering the entire career of the masterful nature and portrait artist Eero Järnefelt (1863–1937), who sought emotion and truth. The exhibition presents the extensive work of a cosmopolitan cultural family and the artist's significance for Finnish art and Finnishness. Diverse descriptions of nature make one wonder whether the nature depicted by the artist in the 1800s and 1900s still exists.

arnefelt sought to capture the essential elements of his works
Eero Järnefelt's art stems from his family's interesting cultural background and is characterised by the pursuit of essential features from nature as well as people. The artist was able to depict his subjects with detailed precision, delicate atmosphere and festive monumentality.

The exhibition sheds light on diffe-

rent aspects of Järnefelt's conception of landscape and people. It also provides information about the Järnefelt family, his family, study trips, home conditions in Suviranna on Lake Tuusula and the connection of his art to the Finnish thinking of his time.

Järnefelt's paintings of nature and landscapes from Koli make you wonder whether the nature depicted by the artist in the 1800s and 1900s still exists — and what our relationship is to nature and landscapes today. In the artist's works, the magnificent landscapes of danger as well as the delicate details of the buttercup and the casserole are treated equally.

Järnefelt is also known for his portraits of prominent figures of his time. Included are interesting portraits of journalist, doctor and Member of Parliament Tekla Hultin and Mathilda Wrede, who dedicated her life to helping prisoners and the underprivileged.

The exhibition also includes a route designed for visitors with children, which encourages people to look at the works and discuss them from the

children's point of view.

The curator of the exhibition is Timo Huusko, Chief Curator of the Ateneum. Most of the works come from the collection of the Finnish National Gallery, but there are also plenty of loans from other museums and private collections. More than 200 works are on display.

The family's influence on Finnish cultural life was enormous

In the exhibition, you can also get to know the Järnefelt family and close family, whose influence on art and culture at the turn of the 1800s and 1900s was enormous. The Järnefelt siblings, critic Kasper, writer Arvid, musician Armas and later known as Jean Sibelius's spouse Aino, are remembered not only as authors of visual art, literature and music, but also as part of a wider network of cultural actors.

Eero Järnefelt's father, Alexander Järnefelt, made the development of the Finnish national movement his life's mission. Mother Elisabeth Järnefelt is especially remembered for her literary salon, the most famous participant of which was Juhani Aho.

# **ART EXHIBITION**

### **ATENEUM**

### A New Exhibition:

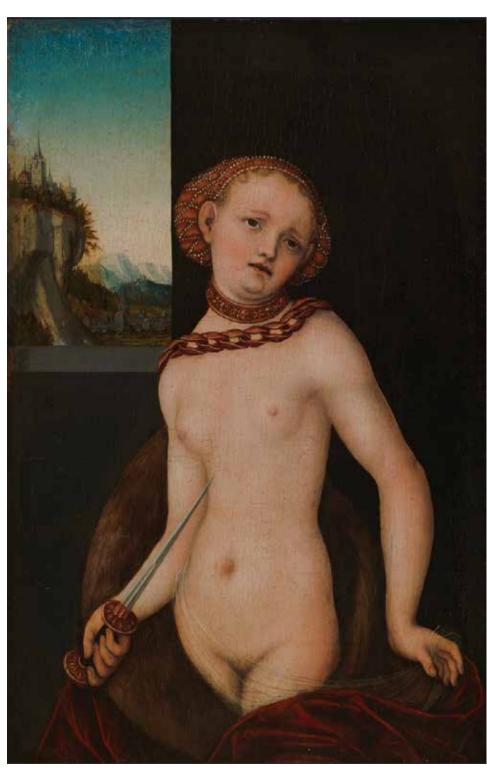
# Gothic Modern - From Darkness to Light

4 October 2024 to 26 January 2025

Medieval and Renaissance Art Inspires Modern Artists in Ateneum's "Gothic Modern" Exhibition

The Ateneum Art Museum is set to unveil an extraordinary exhibition titled Gothic Modern - From Darkness to Light, shedding light on an underexplored phenomenon in art history. Running from October 4, 2024, to January 26, 2025, the exhibition traces how the art of the Middle Ages and the Renaissance provided 19th and 20th-century artists with rich emotional material to explore profound human experiences, such as birth, death, suffering, and sexuality.

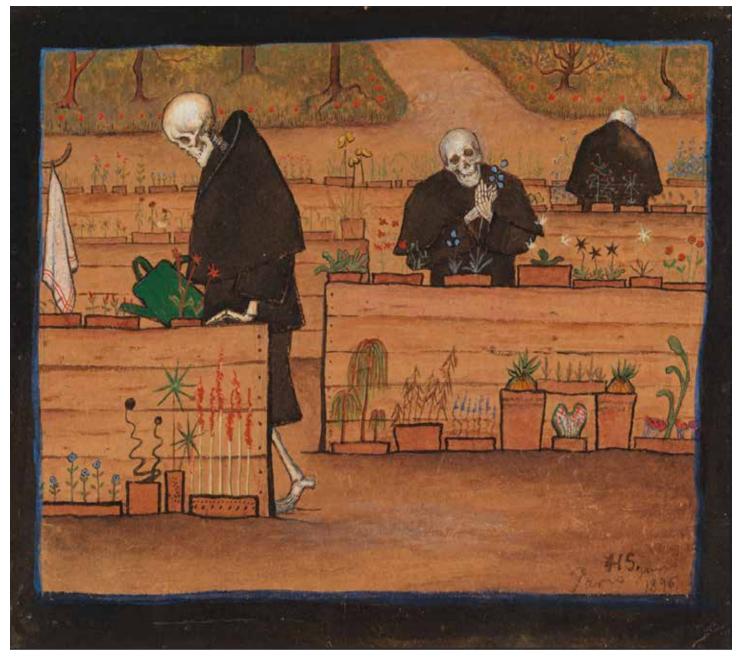
In Gothic Modern, viewers will encounter works by renowned artists like Arnold Böcklin, Vincent van Gogh, Akseli Gallen-Kallela. Edvard Munch. and Helene Schjerfbeck, alongside lesser-known talents like Fritz Boehle and Marianne Stokes. The exhibition will also feature seldom-seen objects, such as a music cabinet crafted by Akseli and Mary Gallen-Kallela in the late 1890s, highlighting how



Lucas Cranach vanhempi: Lucretia (1530). Kansallisgalleria / Sinebrychoffin taidemuseo. Kuva: Kansallisgalleria / Hannu Aaltonen.



Helene Schjerfbeck: John Chambers, kopio Hans Holbein nuoremman mukaan (1894). Kansallisgalleria / Ateneumin taidemuseo, valtion kopiokokoelma. Kuva: Kansallisgalleria / Aleks Talve.



Hugo Simberg: Garden of death (1896). Kansallisgalleria / Ateneumin taidemuseo. Image Kansallisgalleria / Jenni Nurminen.

artists found inspiration in medieval art not only for paintings but also for furniture and sculpture.

Launched as an international collaboration in 2018, the exhibition was curated through partnerships with the National Museum of Norway and the ALBERTINA Museum in Vienna. After its debut in Helsinki, the exhibition will travel to these estemed institutions, where it will be curated by leading art historians including

Vibeke Waallann Hansen and Cynthia Osiecki.

At the heart of Gothic Modern is the idea that modern art did not always look forward but often drew inspiration from the past. Artists in the early 20th century, grappling with the aftermath of World War I, found resonance in the darker, more introspective aspects of Medieval and Northern Renaissance art. These historical periods provided a way to depict trauma, isolation,

and humanity's connection to nature, reflecting broader societal concerns.

The exhibition catalogue, available in English, Norwegian, and Finnish, complements the show with essays from international art scholars, offering a deeper understanding of how medieval influences shaped modern artistic movements. The project brings a fresh perspective to art history, making Gothic Modern a must-see for anyone interested in the

intersections of past and present in European art.

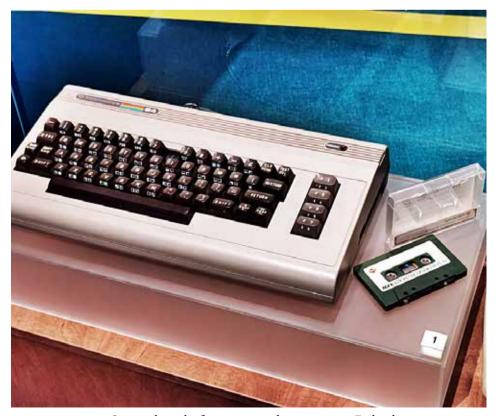
The Ateneum's collaboration with international institutions on this ground-breaking exhibition not only reexamines modern art but also highlights its relevance in contemporary society. Through its exploration of universal themes such as loss, trauma, and identity, Gothic Modern connects with audiences in a world still grappling with these issues today.

## **EXHIBITION**

### Riding The Radio Waves - an interesting exhibition in Tampere Vapriikki-museo



A 15 W FM-transmitter used in pirate radio in Tampere in the 80ies



Commodore, the first computer for everyone in Finland

"On the crest of the radio wave – From crystal machine to podcast" opens up Finnish radio history from the 1920s to the present day

he Tampere Vapriikki Museum opens a fascinating exhibition that delves into the roots of Finnish radio history. "Riding the radio waves – From crystal machine to podcast" takes the visitor on an enchanting journey into the multifaceted history of radio. The exhibition delves into what has made radio enchanting for creators, listeners and enthusiasts for decades, and why this magical device has maintained its position in the age of the internet and digital communication.

Although radio may seem like a transitory format in today's media storms, it is still a globally significant means of communication. Internet access, mobile networks, electricity and access to digital information are not available everywhere in the world. Radio is also proving to be a valuable communication channel in crisis situations, as its network is designed to withstand longer power outages compared to, for example, mobile phone networks.

Radio amateurs, in particular, appear to be critical pillars of communication and communication in crisis situations. The exhibition invites the visitor to think about the magic that a device hidden on the radio manages to create, from everyday listening to necessary crisis connections. This unique exhibition offers an opportunity to delve into the history of radio and understand its continued importance as a versatile and sustainable means of communication.en jatkuvan merkityksen monipuolisena ja kestävänä viestintävälineenä.

\*34\* Wasa Daily 20.10.2024







### **AI RADIO**

# Nordic's First Fully Al-Produced Radio Channel Launched in Finland year ago

inland's Al Radio began its operations as a web radio channel on Wednesday, November 29, 2023. Bauer Media takes a significant step in the audio market by launching the Nordic's first radio channel whose content is entirely produced using artificial intelligence. This innovation combines technology and entertainment and strengthens Bauer's position as a pioneer in the audio industry.

"We are excited and proud to introduce the Nordic's first AI Radio to the market. This is an exciting milestone in the radio industry and a testament to our commitment to delivering new and innovative content to our listeners in the future," says Sami Tenkanen, CEO of Bauer Media.

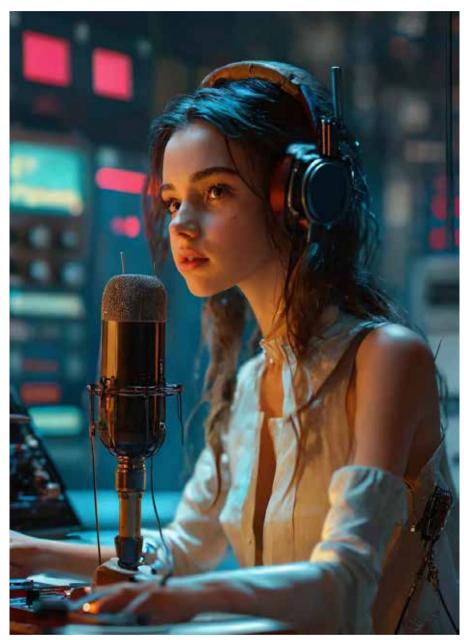
In the initial phase, AI Radio's content consists of the following features:

Audio productions produced with the assistance of artificial intelligence

Nationally significant traffic announcements produced by AI

National weather warnings for inclement weather, produced by AI Entertainment news read by AI from the entertainment portal Voice.fi.

New features for AI Radio are planned continuously to keep it interesting and relevant to its listeners. Advertisers are also considered through innovative audio advertising solutions.



An image made by AI showing what an AI radio looks like

"This launch represents Bauer's commitment to innovation and leveraging the latest technology to develop the radio business. We will continue to actively work on development even after the launch to offer listeners even more personalized and tailored experiences in the radio industry," says Sini Kervinen, Head of Innovation.

Al Radio is also expanding to FM frequencies. In Helsinki, the channel can be heard on frequency 102.0 MHz and in Kangasala on frequency 101.6 MHz until April 8. The channel can also be listened to online on

https://radioplay.fi/tekoalyradio/

### **SCREENTIME**



# The Public Health Agency of Sweden: Recommendations for balanced screen use among children

ly integrated part of lines include: peopless lives, the Pu- time per day. blic Health Agency Children new recommendations to promote a balanced use of screens.

According to the latest guidelines, which were developed on behalf of the government, children under the age of 2 should avoid digital media completely, while older children are advised to limit their screen time to prioritize important aspects of life such as physical activity, sleep, and social relationships.

### Recommendations

The Public Health Agency of Sweden's recommendations prescribe a maximum screen time of 1 to 3 hours

As digital media be- per day, depending on the hope it will contribute to a of important activities such as

6-12 screen time per day.

of screen time per day.

that mobiles and tablets are research tended to protect children's sleep and create a healthier environment for recovery.

### **Parental** responsibility and cooperation

Olivia Wigzell, acting diand children. She says: «We their screens at the expense

comes an increasing- child's age. Specific guide- better balance, counteract sleep, relationships and physiproblematic use and be a Children 2-5 years: Ma- help in families everyday children and young ximum 1 hour of screen lives.» It is important that parents actively control years: what content children take of Sweden has issued Maximum 1-2 hours of part in and discuss their activities on digital media. Young people 13–18 ye- The guidelines also encouars: Maximum 2-3 hours rage parents to reflect on their own screen habits, as In addition, it is recom- these also affect their chilmended that screens are not dren's behaviors and habits.

# used before bedtime and State of knowledge and dations, the Public Health

during the night. This is in- by the Public Health Agency of Sweden and the Swedish Media Agency highlights the negative consequences of excessive screen use. Research shows that high use of digital media can lead to problems such as poorer sleep, depresrector general at the Public sive symptoms and dissatis-Health Agency of Sweden, faction with one's own body. emphasizes the importance Many children and young ty need to work together to of these guidelines being people themselves confirm ensure that screen use does a support for both parents that they often get stuck in not affect the other import-

cal exercise.

Helena Frielingsdorf, doctor and investigator at the Public Health Agency of Sweden, adds: «Many young people have both positive and negative experiences of digital media and feel worried about how they are affected by their use. Through our recommendations, we hope to help them change their habits.»

With these new recommen-Agency of Sweden sets a left outside the bedroom A report presented in June clear framework for how children and young people should manage their screen time. By encouraging balance and awareness around digital media, we can help create a healthier upbringing for future generations. It is a joint effort where both parents, children and socieant aspects of life.

### **HISTORY**

# The newspaper press in the 19th century in Finland

In order for a newspaper to be published, a lot of conditions must be met. At least part of the population must be literate. There must be access to paper and there must be printing houses. A certain amount of freedom of expression is also a prerequisite.

Literacy was quite common in Finland, as early as the 1600s, but literacy was probably a rather theoretical concept. The church required that men and women could read in order for them to be allowed to marry, which is why the motivation to learn to read was great. But there were not many schools, and for the general public, literacy was limited to being able to spell out a verse in the hymnbook slowly and laboriously. Incidentally, there was not much to read until the beginning of the 1800s. The hymnbook, the Bible and the Catechism were found in many well-to-do homes, but nothing else.

But there was also an elite in Finland who could read. The elite consisted of educated people, priests, doctors, civil servants, officers and usually also their spouses. It can be estimated that this cultural and literate elite in Finland comprised about 30,000 people. Unfortunately, some of the elite lost their literacy in old age, because there was no cure for eye diseases, and neither did glasses for that matter.

Johannes Gutenberg invented printing in the 1440s. In the following decades, printing houses were established in many European countries. Printed works reminiscent of newspapers began to appear in many cities in Europe in the early 1600s.

The first printing houses were founded in Sweden (to which Finland belonged) as early as the 1480s. But things were slow in Sweden, right up until the 1600s there was only one printing house. Sweden's first newspaper, Ordinarie Post-Tijdender, began to be published in 1645. For almost 100 years, this was the only newspaper in Sweden.

In Finland, the first printing houses were established in Turku in 1642, in

Vyborg in 1689 and in Vaasa in 1776. During the first half of the 19th century, all the important cities in Finland got a printing house. Developed "high-speed printing machines" came to the country in the 1840s, the first to Vaasa in 1847.

For a printing house to function, paper is needed. Up until the middle of the 1800s, paper was made by hand using rags as a raw material. Wandering rag dealers collected used textiles. But all this changed when the Tampere paper mill started industrial production of paper using cellulose as a raw material.

The first newspaper in Finland, Tidningar Utgifne Af ett Sällskap i Turku, began to be published on 15.1. 1771. The name was long and impractical, and was soon changed to Turku newspapers. Until 1809, this was Finland's only newspaper.

During the first half of the 19th century, there was a rapid development of the newspaper press. In 1866, 20 daily newspapers were published, of which 4 were published 6 days a week. In 1868 there were 9 Swedish-language newspapers and 8 Finnish-language newspapers. Of the latter, 7 newspapers wereA "big" newspaper could have a circulation of 2000. But most of the newspapers were small, the circulation could move around 200 - 500. Advertising revenues were insignificant and the subscription fee did not go far. Most newspapers had only one editor, and this was sometimes part-time. It was certainly not easy to find material to fill all 4 pages - and therefore the newspapers copied each other, sometimes so that almost all of the newspaper's news was copied from other newspapers.

The most important Swedish-language newspapers in 1868

The Official Gazette of Finland, the official organ of the authorities, began publication in 1820. In 1831, the newspaper began to be published 6 days a week, and was then Finland's first real



This hand-printing press from the early 1800s has been in a printing house in Old Vaasa. It is likely that Vasabladet's predecessor, the newspaper Ilmarinen, was printed with this press. When Vaasa burned down in 1852, the press fell through the floor to the basement and broke all 4 legs, but the printing press could be repaired and used even after this. The printing press is now at the Printing Museum in Stundars, near Vaasa.

daily newspaper. As in several other newspapers, FAT contained "serials", usually foreign translated historical novels and can be said to be the "soap operas" of the time, which certainly increased the popularity of the newspapers since pastime was in short supply. The Finnish Official Gazette had a circulation of around 1500.

Helsingin Dagblad was the largest daily newspaper in Finland for a couple of decades. The newspaper was founded in 1861. In 1863 the circulation of the newspaper was already 1500 and the largest circulation in 1884 was 4250. The last issue of the newspaper was published on 31.12.1888, after which the Helsinki Newspaper ceased to be published, and the reason was probably mostly of a financial nature.



On 17.8.1844, the newspaper "Maamiehen Ystävä" published a map of Finland. For many readers of the time, this was probably the first map they had ever seen.

Hufvudstadsbladet's first issue was published on 5 December 1864 and the newspaper is published as known from now on. In 1868, the newspaper had 1750 subscribers.

Turku Underrättelser was founded in 1824 and is the oldest daily newspaper still published in Finland.

Wasabladet will also continue to be published. The newspaper began its operations in 1856.

All these newspapers are digitised on the National Library of Finland's portal.

#### The newspapers were small

In the 1840s, the newspapers were small in size, the smallest. e.g. Oulun Wiikkosanomat was printed in a format smaller than A5. Gradually, the newspapers became larger - probably because the printing presses made this possible. The format of Helsinki Newspapers and

Suometar was similar to today's evening newspapers.

The number of pages was typical and almost always 4. A small format and a few pages - you might think that there was not much to read in these newspapers. But that's not true. The newspapers had no space-consuming headlines and no pictures, so there was probably a lot of text on these four pages. The number of columns depended on the size of the page, but four columns were probably typical in the 1860s.

#### Advance censorship

The newspapers must be shown to a censor 2 hours before publication. This was so that no inappropriate material, such as criticism of the rulers or the imperial family, was included in the newspaper.

The three important paragraphs of

the Press Ordinance issued on May 31, 1867 read as follows:

§ 31. Contains printed matter: Incitement to treason, mutiny, or rebellion; blasphemous or disrespectful remarks about the Emperor, Empress, Successor to Thron, or any other member of the Imperial House, the Estates, the Governor-General, or the Senate; the spreading of lies or false rumours, which may lead to the confusing and misleading nature of the public; distorted or misrepresented, interpreted or inappropriately presented the reproach of the actions of the Governing Authorities of the country, or the intentions thereof; abusive or insulting statements and information about public affairs within the Empire; insulting and discordant statements aimed at foreign powers, as well as insults against the rulers of foreign states and their envoys employed by the government of the country; the dissemination of state secrets in the national security as well as generally dangerous to society, as well as morality and decency hurtful representations; The Ombudsman shall suspend the publication of the printed matter for the time being, and immediately notify the Board of Press Affairs of the matter with regard to further appointments.

§ 33. In considering questions on which Article 31 is concerned, the Ombudsman and the Board of Governors should take into account not only the meaning and context of each letter which emerges from the wording, but also the references therein to persons and circumstances, even though these are not expressly mentioned, but only in a veiled though easily recognizable manner.

§ 34. Printers are obliged, with a fine of one thousand marks, to send two copies of them to the ombudsman before a letter from the printing house is delivered. Periodicals must be sent at least two hours before distribution, as well as a brochure, which is meant a printed publication of less than three sheets, twelve hours, and a writing of a larger volume fourteen days before delivery.

News about unrest or calls for it were almost never published during the years of need. But once in a while the censors missed an article, as in this notice published in Hufvudstadsbladet on



The newspaper editor's two important tools in the past - the telephone and the typewriter. The telephone and typewriter are located at the Printing Museum in Stundars, near Vaasa. Telephones probably only became more common decades after the famine years.

#### 7.12.1867:

"From Oulu written in the O. W. S. on 30 Nov.: Alarming rumours have begun to be felt on the part of the working class. It is no less true than war against the rich if work is not given. That the merchants are primarily the object of these threats is self-evident. And it is certainly true that there is scarcely even in name of the many hundreds of workmen, both with and without families, who are to be found in the town, not to speak of the innumerable who pour in from the country, but — O. W. S. warns of misdeeds which can do nothing but bring misery upon those who undertake such things."

Making a daily newspaper in the 1860s

The following rather humorous account published in the Helsinki Dagblad on 12.1.1867 about what it was like to make a daily newspaper in the 1860s is worth reading:

Has anyone really understood the great machinery which must be set in motion, and what a strange apparatus of the most diverse persons and things must be set in motion before a major daily newspaper is ready to be distributed by the colporteurs?

Have you thought of it, indefatigable readers, when you open your door in the morning and take your spiritual morning food up from the carpet, or take it from the safer hiding place in the drawer "for letters and newspapers," and then enjoy its very mixed elements together with your, as I hope, "unmixed" mocha; when you run through the leading article with a critical eye to see if the paper's foreign politicians have the same "justified" fear as you do, that the gunpowder explosion in Helsinki will exert a noticeable influence on the price of window glass on the foreign market: when you, as a co-owner of the steam sloop Ettan, read that the boat eats twice as much coal as it brings in; or when your aesthetic gaze clears when you read a critique of "the man from Eldsön"; Or when your heart beats sympathetically when you read about a horrible accident or something like that?

Have you, the most gracious of all readers, thought of this, when, with feverish speed and a crushing contempt for the events in Spain or the Prussian Landtag, the "traffic income from the canals" and the "Ship's List," you have plunged down to the basement to see what the end of the road Theobald took, when in the last issue he was just about to climb the bomb-proof tower in the twilight hour of midnight with a blind lantern in his mouth? who showed a row of pearly white teeth, and a pistol in each of the small aristocratic but powerfully built hands?

Have all the countless newspaper-devouring individuals of the century, from the statesman on the stool to the coffee-lady in the market-place, have thought of this?

We dare to boldly answer no; and unless you have seen it yourself, you cannot get a true idea of the work that accompanies a newspaper until it is before you in its final form.

It is best to pay a visit to the editorial offices at 5 p.m. The machinery is in full swing, as the staff of the paper has certainly met with a lot of people, partly to bring about what they, according to the distributed rules of procedure, have produced during the morning, and partly to put the finishing touches on what the subscribers will take the next morning for their conversations in the offices, at the coffee table or in the pastry shops. The proofreader is already in his place and preparing his work.

The factor, the chief of the setters, who is called by the initiates by the horrible name of "The Switcher"—a name which almost makes one think of steps and wheels—looks in to the editor-in-chief, and asks: Can there be a manuscript for the first article?

He gets an affirmative answer, and hands over a couple of "menus" that are already on the table for him. A "menu," my lordship, is quite different from this palatable list, which in inns begins with "oysters" and ends with "beetroot and pickles." It can irritate everything except the palate, and sometimes contains such hard-digested crow's feet, that your brain, dear reader, could easily begin

to suffer from it from indigestion. The menus are those narrow strips of paper on which the pen often rushes with great haste, and which, for the sake of speed, obtain its spiritual content only on one side. When the entire staff, after well-distributed work, is in their business, a rather polite amount of such menus flies from their hands.

In addition to the articles and notices, the "switcher" usually receives a couple of "Publics" for the purchase, i.e., some of the essays sent in, which are included under the common heading. He now goes away in a while, laden with his prey.

Now comes the mail and with it a pack of letters and newspapers. The foreign affairs reporter hurriedly "devours" their contents, the shipping and trade reporter flies through the long lists of all the world's ships, in order to dwell for a moment on a ship's name which seems familiar to him — he must know Finland's ship's calendar by heart as far as possible — and now notes on which sea its flag has since been visible. A third, you take hold of the red pen and mark the arrived leaves in the margins, and then relegate them to the insatiable typesetting staff.

The letters are broken, read, and what is to be used at once is transferred into the hands of the errand boy, who moves like a perpetuum mobile between the bureau and the printing house; another part of the letter was to be put aside until the following day, others again wandered directly into the trash.

During all this, people come and go incessantly. One person takes some notice, another asks for a "nudge," a third only wants to pass the time at the bureau until it is enough for him to go in some company.

There is writing, talking, noise — and the whole thing is wrapped in tobacco smoke. Once more the wrapper sticks his head in:

"How do we stand today?" asks the editor-in-chief.

— Sixteen columns of text and six columns of ads! (and there are 20 in all!) he says with a sorrowful look, which suggests a: Sorry!

"Then we will have some "publics" deleted, for example the one about the Miss Reform.

"Is it not going in at all?"

"No, it will have to wait until the next number. The mothers could be mothers for a day longer.

Eventually, the work at the firm is over. The clock is ticking until half past ten and the staff troop off, one after the other

Only the proofreader stands faithfully at his desk, surrounded by strips of paper on which the proofs are drawn. He declares aloud what he reads; Without a break, the flow of words flows forward until he stops at a phrase that even a proofreader seems too strong. It is then something straight up the walls that has crept in. He smiles and corrects, that's his only joy. J, who with so much vehemence attacks the proofreader because a letter is upside down, J should realize what a heavy job he has, to stand and correct every day from 7 p.m. to 3 and 4 in the morning. It is so easy for him to turn a blind eye to one or two mistakes. But I did not turn a blind eve to his.

If we make a short visit to the printer's office, we find the typesetters at work in front of their castes. Not snapping or whimpering. The diligent hands pass incessantly between the special compartments in which the styles are distributed, and the inscriptions are thus gradually handed over letter by letter into the long rows of the "ships." So they stand in their diligent work all night, until the morning, when their work is finished, and when the turner remains alone, to break in the last part of the slit and "adjust" the iron frame in which each side is framed. Now he too has peace, after a last scrutinizing glance at the bureau has been devoted to the finished page. It is now 4 o'clock at night.

But do not think that the life of the printing house will thus end. When the printers set out, the printer and his henchmen come in through the door. They have enjoyed a short rest, and are now gathering to take further care of the leaf. You get ready, the paper is lined up, the molds are taken in and soon the press is started. Lucky if you can run it with a steam engine; In the opposite case, a few men are also used, whose dead eyes and hardened features imply that they represent here only "human power."

The voracious machine is incessantly fed with clean sheets of paper, which, after a formal acquaintance with the rollers and moulds, appear as ready-made newspapers. It goes little by little, until the edition is expressed.

The clock strikes six in the morning, and now a wing-footed relay was sent to the press ombudsman, who is to receive the paper an hour before the distribution begins.

At the same time one hears a brisk and lively noise of loud, youthful voices. The crowd of colporlators flocks in to receive the normal quantum newspaper copy. The boys' fingers are constantly running over the newspaper pocket, and not many minutes have passed before the flinter has folded—that is, folded—his leaves, tucked them into his bag at the side, and is ready to set out on the arduous walk of the day, which is sometimes rather thorny. But a test of patience still remains for the young mind. The clock has not struck seven, and before that no one is allowed to go out. The Press Act must be strictly observed.

But the fateful hour has finally arrived, and now it is off at a brisk pace and with singing joy, following the marching route that everyone has been laid out. The walk goes street up and down the street all over the city, the boy hits up to the third floor and down again, then again two flights of stairs up the next house, then down to the basement and so on endlessly. Down there in the cellar the people are already up, and they therefore get their paper properly, but one, two, and three flights of stairs up, where there is no special box for letters and newspapers, the paper is deposited on the floor, while at the same time the ring-machine is put into activity, and there it often happens that the owner lacks his morning homework; He complains to the office, and then the colporteur is blamed, though in reality the poor thing may be as clean as snow. For, notwithstanding the cheap price at which one can nowadays keep a newspaper, there are not a few individuals who prefer the less costly method of "subscribing to the floor," in other words, of borrowing the magazine laid in the stairwell, sometimes for the house next door. Such an industry has already systematically trained itself. Yes, even if the precaution is observed, that the newspaper is placed in the doorway, one cannot be sure. Some apprentice boy has begun the exciting short story in the series, he wants the sequel, and only out of the desire to read does he commit the illegal act of poking the leaf out of the doorway with a stick. To the credit of these additional subscribers, however, it may be said that they sometimes return the page to its proper place, once they have become acquainted with the contents.

But when the leaf has properly landed in the door, it first makes a round through the hands of the servant, the chambermaid, and the kitchen people, until at last it comes into the hands of the gentry.

## Eemu Myntti, colourful artist from Vaasa

**Eemil** Myntti (27 Novem-August 1943, Helsinki) was a prominent artist whose art was characterized by strong and vivid use of colour. In his works, color was not only a visual element, but self-expression, conveying emotional and soul worlds. Mynt's handling of colour was ded, which made him an exceptional master of colour for his time.

Eemu Myntti was born into a wealthy family where his father Juho Myntti worked as an industrialist. However, his early years were not exactly straightforward. Myntti dropped out of school after failing his matriculation examinations, and in 1910 he made a bold decision to devote himself to art. He initially studied with Arthur Heickell, but soon the road took him to Paris, the mecca of art, where he delved into cubism. The trip took place with the support of Frithiof Tikanoja, and this period was a turning point in Mynt's artistic career.

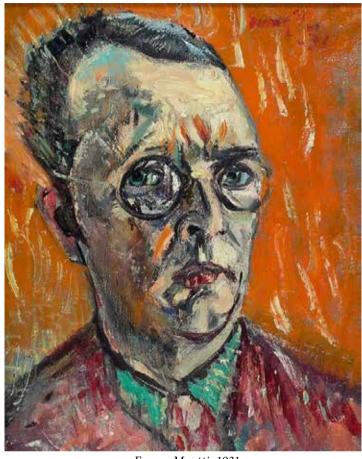
Although Myntti was influenced by French masters such as Cézanne and van Gogh, he fashioned them into his own unique style. His art reflected Cézanne's precision and van Gogh's saturation of colours, but Myntti also brought his own profound and symbolic vision to his works. The ideals of earlier masters such as Giotto were important to him, and this manifested itself in his

Aleksander work as a quest for a high level of artistic expression.

The 1920s were the pinnacle of ber 1890, Vaasa – 29 Mynt's artistic career. He belonged to cultural circles and was in close contact with the writers and poets of the Fire Bearers group. Finnish expressionist In the company of these artist friends, he found inspiration and a shared passion for creative expression. Although Myntti spent most of his career away from his fellow artists in his home country, he still had contacts with both Finnish and foreign artists, which enriched his artistic world.

Mynt's works were exhibited served as a means of for the first time in 1916, and his painting style evolved, especially in the field of portrait painting. His portraits of men were strong, almost sculptural, in which every feature was carefully thought out and at the same time soulful. Febold and open-min- male portraits, on the other hand, combined poetic symbolism and architectural creativity, which made them particularly fascina-

> In Mynt's work, colours always evoked strong emotions. He used both oil and watercolours skilfully, and his works were diverse in both subject matter and technique. Especially the bright and fresh colours of Lapland received a new kind of expression



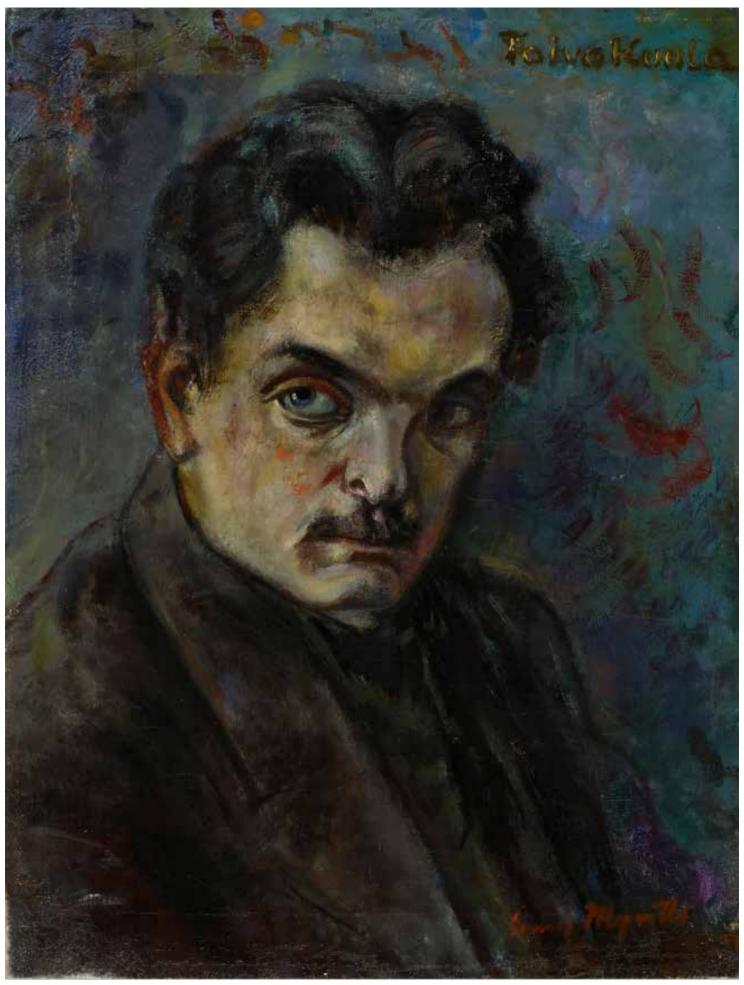
Emmu Myntti, 1931

from him, reflecting his own deep connection to nature and colours. mark on the field of Finnish art. Mynt's paintings not only pre- His bold, colourful and soulful sented their subjects, but they way of dealing with colour mabrought the viewer something kes him an artist whose works are new, fresh and vibrant - like an still relevant and appealing. alpine sun that illuminates and refreshes.

Eemu Myntti left an indelible



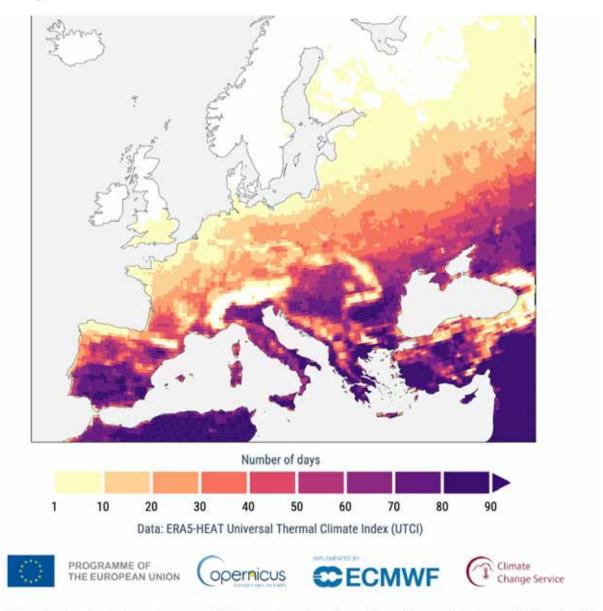
Maija, 1938



Toivo Kuula portrait 1937 Images: Kansallisgalleria

### **CLIMATE CHANGE**

### **Europe Sizzles Through Record-Breaking** Summer



Number of days with strong heat stress during summer 2024, defined as a daily maximum Universal Thermal Climate Index (UTCI), or feels-like temperature, exceeding 32°C. Data: ERA5-HEAT. Credit: C3S/ECMWF

Summer 2024 has officially been endured "strong heat stress," confirmed as the warmest on record for Europe, according to data from the Copernicus Clima- 32°C for around two-thirds of te Change Service. While parts of the continent experienced cooler temperatures, particularly in the northwest, southeastern Europe and northern Fennoscandia faced unprecedented heatwaves.

Southeastern Europe was particularly hard-hit, experiencing up to 60% more "warm daytimes" than average. This region also

with daily maximum "feels-like" temperatures reaching at least the summer period. This marks a record-breaking 66 days of extreme heat.

The Mediterranean Sea also experienced record-high sea surface temperatures in August, surpassing previous records set in July 2023.

While much of Europe saw a below-average number of wet days, especially in the southeast, other regions, including the northern UK, Fennoscandia, and The Copernicus Climate Change the Baltic countries, experienced significantly wetter conditions. In fact, these areas saw up to 20 more wet days than average.

Rivers across Europe also faced the brunt of the extreme weather. the new norm. 35% of European rivers were notably or exceptionally low, especially in the southeast, while central Europe experienced exceptionally high average river

flows for the time of year.

Service warns that these extreme weather events are likely to become more frequent and intense due to climate change. It is crucial to adapt and prepare for the impacts of a warming planet.

### HEALTH

Tooth inflammation causes stroke in young people,

according to a Finnish study



Prevention of stroke!

A new Finnish study has bacteria into the bloodstre- Alzheimer's drug, Lecaneous form of gum disease, to the risk of stroke in suscep- of the disease. an increased risk of stroke tible individuals. The study mic stroke (CIS), a type of risks. stroke with unknown caulink between recent inva- drug will arrive sive dental procedures and Finland next year? an increased risk of stroke. especially in people with a heart defect called patented foramen ovale (PFO). Researchers believe that the inflammation caused by periodontitis may play a role in the development of blood clots, which can lead to stroke. Additionally, dental procedures can introduce

Alzheimer's disease is a devastating disease gradually takes away memory and thinking ability. Although there is no perfect cure yet, there is light at the end of the tunnel on the horizon. The US Food and Drug Administration (FDA) has approved a new

linked periodontitis, a seri- am, potentially increasing mab, for the early treatment

Lecanemab is a so-calin young adults. The resear- emphasized the importance led disease-modifying drug ch, published in the Journal of good oral health, especi- that removes plaque from of Dental Re-search, found ally for young people. Re- the brain, so-called betathat people aged 18 to 49 gular dental check-ups and -amyloid. These plaques with periodontitis were si- proper oral hygiene can have been linked to the degnificantly more likely to help prevent periodontitis velopment of Alzheimer's suffer cryptogenic ische- and its associated health disease. Although the drug has not yet been shown to prolong the life of patients se. The study also found a **The new Alzheimer's** or cure the disease, it has in shown promising results by slowing the progression of the disease.

> Lecanemab has shown in clinical trials to significantly reduce amyloid plaques in the brain. This is an important step forward, as previous studies have suggested that amyloid plaques are a key factor in the pathology of Alzheimer's disease. While Leca-

nemab is a promising drug, it's important to remember that it's not yet widely available. The safety and efficacy of the medicine still need to be studied in more detail. Additionally, the price may be high at first, which may limit its availability.

In Finland, lecanemab is expected to arrive next year if it is approved by the Finnish Medicines Agency Fimea, but the introduction of the drug will require careful evaluation and a clear selection of patients.

It is important to emphasize that research into Alzheimer's disease is ongoing and that new treatments are being developed all the time. Lecanemab is one of the promising alternatives. but it is not yet the solution to all problems for people with Alzheimer's disease. More research and development is needed to defeat Alzheimer's once and for

However, there is reason to hope that in the future there will be opportunities for more effective treatments and even prevention of the disease.

#### NB:

This article does not replace the information provided by the doctor. People with Alzheimer's disease should discuss their treatments with their own do-

### **RUSSIAN WAR AGAINST UKRAINE**

### We Are Developing Our Victory Plan in Communication with Our Partners; Additionally, Work is Underway to Prepare the Second Peace Summit - Address by the President



18 October 2024 - 18:34

Ukrainians!

Additionally, work is under- - offering solutions, sugway to prepare the second gesting paths, and directing Peace Summit – good faith work so that every partner diplomacy. We need to end benefits from cooperation the war in a way that gua- with Ukraine. rantees security and peace And one more thing. ready to help in ways that a report on one such opetion toward peace.

and Deputy Prime Minis- Minister Fedorov also de- this. Today I am already in Kyiv. ter Stefanishyna - were in livered a report - we have Glory to Ukraine! We are working on the re- Washington. Minister of some good results. And sults of our negotiations, Defense Umerov, Minister this is what matters most License: Creative Commons which include meetings of Foreign Affairs Sybiha, for Ukraine - having dai- Attribution-NonCommerin Europe and discussions and Commander-in-Chief ly, weekly results for our with our partners. There Syrskyi are working with state and people. Having was a conversation with their counterparts in Euro- constant new support for President Biden. We are pe. We are developing our our defense. And having Ukraine with the American cation with our partners, peace closer. Ukraine must materials. be a leader in any situation

for Ukrainians and all of Today, I would like to thank Ukraine. Relevant meetings our Ukrainian law enforcewill be held by the Head ment officers, particularly of my Office Yermak and the National Police, eve-Prime Minister of Ukraine ryone who works to ensure Shmyhal. I am grateful to law and order in Ukraine. every leader and every state Almost every week, they that has embraced our ar- achieve results in fighting guments on security and is crime. Recently, I received can steer the current situa- ration – the police worked from June to October. 19 Today, there was also drug laboratories were elireport by Comman- minated. The turnover was der-in-Chief Syrskyi. It was almost UAH 350 million about the front. It was about per month. This was signifiour directions. It was about cant, interregional criminal the Kursk Operation. We activity. The same goes for are defending our positions. countering arms trafficking, A meeting was held regar- illegal arms trafficking, and ding the railway operation protecting our people from in Ukraine. I am grateful other forms of crime. It is to everyone who works for very important that institeam of political and milita- the company. Right now, tutions work to ensure inry representatives. Earlier, Ukrzaliznytsia is holding ternal security in Ukraine. our representatives - the our country up in many res- And I thank all those who I wish you health, fellow Chief of the General Staff pects. Today, Deputy Prime are truly professional in

cial-NoDerivatives 4.0 International. The use of any materials posted on the website is permitted provided you link to www.president.gov.ua repreparing for meetings in Victory Plan in communi- more opportunities to bring gardless of full or partial use of

## TASS a few days before the Russian invasion into Ukraine TASS 20 Feb 2022, 22:56

## Russia not invading Ukraine and has no such plans — Russian ambassador to US

and continues declare its through problems Antonov said

20. /TASS/. Russia has no plans of any "invasion" of Ukraine and is not implementing it now, Russian tes.," he said. Ambassador to the United States Anatoly Antonov said in an interview with CBS.

### "There such plans," said.

"The leadership of our has repeatedly country declared and continues to declare its readiness to continue solving outstanding problems through diplomacy. <...> Every state has the right to protect its territory and borders. The Russian

The leadership of Federation, the United Staour country has re- tes, or any other country is no exception. Russian declared troops are on our sovereign to territory. We don't threaten anyone. Why do other countries try to dictate to continue us where can we deploy solving outstanding our troops and how many. I would like to emphasize once again that this is our diplomacy, Anatoly own territory. Can one even imagine that Russia will demand the U.S. not to deploy WASHINGTON, February its troops in Alaska or Florida? I am sure that such a requirement would be unacceptable for the United Sta-

### We don't threaten anyone.

The interview was aired **no** on CBS on Sunday. The **he** transcript released later demonstrated that the TV company has abridged Antonov's answers. The interview was not aired live.

> The West and Kiev have recently been echoing allegations about Russia's po-Kremlin Spokesman Dmitry Peskov castigated these claims as "empty and un-



to escalate tensions

founded", serving as a ploy Ukraine would have serious consequences.

### Peskov pointed out that Russia did not pose any threat whatsoever to anyone.

Peskov pointed out that consequences." Russia did not pose any threat whatsoever to anyone. However, Peskov did not rule out the possibility of provocations aimed at tential invasion of Ukraine. justifying such claims and warned that attempts to use military force to resolve the crisis in southeastern

### **Comment:**

"Peskov warned that attempts to use military force to resolve the crisis in southeastern Ukraine would have serious

Yes. He was perfectly right. It did have serious consequenses. Abova all for Russia.

Image: Lexica.art

### Parts of Putin's speech on February 24, 2022, the day when Russia attacked Ukraina

"It is not our plan to occupy the Ukrainian territory. We do not intend to impose anything on anyone by force"

of Russia.

from year to year. I am referring acted, it was too late. to the eastward expansion of NATO, which is moving its mi- As a result, the country was not the Russian border.

machine is moving and, as I said, time. We have no right to do so. is approaching our very border.

In December 2021, we made that genocide of the millions yet another attempt to reach agreement with the United States and its allies on the principles of As I said in my previous address, le neglecting our interests.

In 1940 and early 1941 the **Soviet Union went to great** lengths to prevent war

I consider it necessary today Of course, this situation begs a to speak again about the tragic question: what next, what are we events in Donbass and the key to expect? If history is any guide, aspects of ensuring the security we know that in 1940 and early 1941 the Soviet Union went to great lengths to prevent war or I will begin with what I said in at least delay its outbreak. To my address on February 21, this end, the USSR sought not to 2022. I spoke about our biggest provoke the potential aggressor concerns and worries, and about until the very end by refraining the fundamental threats which or postponing the most urgent irresponsible Western politicians and obvious preparations it had created for Russia consistent- to make to defend itself from an ly, rudely and unceremoniously imminent attack. When it finally

litary infrastructure ever closer to prepared to counter the invasion by Nazi Germany, which attacked our Motherland on June 22, It is a fact that over the past 30 1941, without declaring war. The years we have been patiently country stopped the enemy and trying to come to an agreement went on to defeat it, but this came with the leading NATO countries at a tremendous cost. The attempt regarding the principles of equal to appease the aggressor ahead and indivisible security in Euro- of the Great Patriotic War prope. In response to our proposals, ved to be a mistake which came we invariably faced either cyni- at a high cost for our people. In cal deception and lies or attempts the first months after the hostiliat pressure and blackmail, while ties broke out, we lost vast territhe North Atlantic alliance conti- tories of strategic importance, as nued to expand despite our pro- well as millions of lives. We will tests and concerns. Its military not make this mistake the second

### We had to stop that atrocity, of people

European security and NATO's you cannot look without compasnon-expansion. Our efforts were sion at what is happening there. in vain. The United States has not It became impossible to tolerate changed its position. It does not it. We had to stop that atrocity, believe it necessary to agree with that genocide of the millions of Russia on a matter that is criti- people who live there and who cal for us. The United States is pinned their hopes on Russia, on pursuing its own objectives, whi- all of us. It is their aspirations, the feelings and pain of these people that were the main motivating force behind our decision to recognise the independence of the Donbass people's republics.



In this context, in accordance with Article 51 (Chapter VII) of the UN Charter, with permission of Russia's Federation Council, and in execution of the treaties of friendship and mutual assistance with the Donetsk People's Republic and the Lugansk People's Republic, ratified by the Federal Assembly on February 22, I made a decision to carry out a special military operation.

#### To protect people who, for eight years now, have been facing humiliation and genocide

The purpose of this operation is to protect people who, for eight years now, have been facing humiliation and genocide perpetrated by the Kiev regime. To this end, we will seek to demilitarise and denazify Ukraine, as well as bring to trial those who perpetrated numerous bloody crimes against civilians, including against citizens of the Russian Federa-

#### It is not our plan to occupy the Ukrainian territory

It is not our plan to occupy the Ukrainian territory. We do not intend to impose anything on anyone by force.

We will seek to demilitarize

#### and denazify Ukraine

To this end, we will seek to demilitarize and denazify Ukraine, as well as bring to trial those who perpetrated numerous bloody crimes against civilians, including against citizens of the Russian Federation.

I would also like to address the military personnel of the Ukrainian Armed Forces.

Comrade officers,

I urge you to refuse to carry out their criminal orders. I urge you to immediately lay down arms and go home. I will explain what this means: the military personnel of the Ukrainian army who do this will be able to freely leave the zone of hostilities and return to their families.

I want to emphasise again that all responsibility for the possible bloodshed will lie fully and wholly with the ruling Ukrainian regime.

#### Russia will respond immediately, and the consequences will be such as you have never seen in your entire history

would now like to say something very important for those who may be tempted to interfere in these developments from the outside. No matter who tries to stand in our way or all the more so create threats for our country and our people, they must know that Russia will respond immediately, and the consequences will be such as you have never seen in your entire history. No matter how the events unfold, we are ready. All the necessary decisions in this regard have been taken. I hope that my words will be heard.

### The advance of Russia and the new world

Here are parts of an article published by Ria Novosti (a Russian news agency surely never publishing anything without Kremls permission") on February 26, 2022, two days after the start of the Russian military operation

Two days after the start of the war - and Ria Novosti is declaring the victory over Ukraine. "Now this problem is gone - Ukraine has returned to Russia."

This article is also proof that the goal of Russia's war of aggression was to conquer all of Ukraine, incorporate it into Russia, and recreate the former Soviet Union."Russia is restoring its unity - the tragedy of 1991, this terrible catastrophe of our history, its unnatural dislocation, has been overcome." "Russia is returning."

litary operation in Ukraine has the solution of the Ukrainian it with the Atlantic bloc. opened a new era - in three question to future generations. rately a little later.

the tragedy of 1991, this territ ant of them. ble catastrophe of our history, are still shooting at each other the existence of two states, sian people is ending.

- but Ukraine as anti-Russia not one, but two peoples. That tegration of the Russian land. consolidation of complete ge- have been otherwise. opolitical and military control

before our eyes. Russia's mi- sibility, deciding not to leave would be necessary to fight for that Moscow would aban-

an world, the Russian people is the real Rus", or helpless- between Russia and the West. litical fool. together - in all its totality of ly gnash its teeth, remembe- Not even Russia, but the Rus-

Vladimir Putin has taken upon of the West over Ukraine, its Did anyone in the old Eurohimself - without a drop of ex- return to Russia would beco- pean capitals, in Paris and

"A new world is being born aggeration - historical respon- me completely impossible - it Berlin, seriously believe don Kiev? That the Russians would forever be a divided dimensions at once. And of After all, the need to solve it Now this problem is gone - people? And at the same time, course, in the fourth, domestic would always remain the main Ukraine has returned to Rus- when Europe is uniting, when Russian one. Here a new pe- problem for Russia - for two sia. This does not mean that the German and French elites riod begins both in ideology key reasons. And the issue of its statehood will be liquida- are trying to wrest control over and in the very model of our national security, that is, the ted, but it will be restructured, European integration from the socio-economic system - but creation of an anti-Russia and re-established and returned to Anglo-Saxons and assemble this is worth discussing sepa- an outpost for the West to put its natural state of being part a united Europe? Forgetting pressure on us from Ukraine, of the Russian world. Within that the unification of Europe Russia is restoring its unity - is only the second most impor- what borders, in what form became possible only thanks will the union with Russia be to the unification of Germasecured (through the CSTO ny, which happened by Rusits unnatural dislocation, has The first would always remain and the Eurasian Union or sian good will (even if not been overcome. Yes, at a gre- the complex of a divided pe- the Union State of Russia and very smart). To then set their at cost, yes, through the tragic ople, the complex of national Belarus )? This will be deci- sights on Russian lands is the events of a de facto civil war, humiliation-when the Russian ded after the period in the his-height of not even ingratitubecause now brothers, divided house first lost part of its foun- tory of Ukraine as anti-Russia de, but geopolitical stupidity. by their belonging to the Rus-dation (Kyiv), and then was is put to rest. In any case, the The West as a whole, and even sian and Ukrainian armies, forced to come to terms with period of the split of the Rus- more so Europe separately, did not have the strength to keep Ukraine in its sphere of will no longer exist. Russia is is, either to renounce its his- And here begins the second influence, much less take it for restoring its historical com- tory, agreeing with the crazy dimension of the coming new itself. Not to understand this, pleteness, gathering the Russi- versions that "only Ukraine era - it concerns relations one would have to be a geopo-

Great Russians, Belarusians ring the times when "we lost sian world, that is, three states, More precisely, there was only and Little Russians. If we had Ukraine". Returning Ukraine, Russia, Belarus and Ukraine, one option: to bet on the furrefused this, had allowed the that is, turning it back to Rus- acting in geopolitical terms as ther collapse of Russia, that is, temporary division to beco- sia, would be more and more a single whole. These relations the Russian Federation. But me entrenched for centuries, difficult with each decade - have entered a new stage - the the fact that it did not work then we would not only have the recoding, de-Russification West sees Russia returning to should have become clear betrayed the memory of our of Russians and setting Little its historical borders in Euro- twenty years ago. And already ancestors, but would also have Russians-Ukrainians against pe . And it loudly resents this, fifteen years ago, after Putin's been cursed by our descen- Russians would gain momen- although deep down it must Munich speech, even the deaf dants - for allowing the disin- tum. And in the case of the admit to itself that it could not could hear - Russia is returning."

### **What Russia Should Do with Ukraine**

Published by Ria Novosti 09:15 04.04.2022

If Russia were to win the war of aggression against Ukraine and take control of the entire country, this would not mean an end to the suffering of the people of Ukraine, on the contrary, it would be the beginning of a new severe suffering for the next 25 years. This article, published in April 2022 by Ria Novosti, the state and state-controlled news agency that never publishes anything without the Kremlin's permission, shows the fate that Ukraine would be deprived of after a defeat. Here are some important arts of this article.

carried out."

#### A significant part of the people are Nazis

"Denazification is necessa- masses are also guilty ry when a significant part of "However, in addition to popular the people - most likely, its the top, a significant part of and militia (defense and majority - is mastered and the masses, who are passive law enforcement) of libe- the adoption at the local drawn into the Nazi regi- Nazis, accomplices of Na- rated territories, protecting level, under the supervime's policy. That is, when zism, are also guilty. the hypothesis "the people are good - the government The further denazification groups; is bad" does not work. Re- of this mass of the popucognition of this fact is the lation consists of re-edu- installation of the Russian forms of the revival of Nazi basis of the policy of dena- cation, which is achieved information space; zification, all its measures, by ideological repression and the fact itself is its sub- (suppression) of Nazi atti- confiscation of educational the establishment of me-

ed on the battlefield to the education." maximum extent possible.

ject."

territorial defense that has tions of denazification." joined these two types of

military formations. All of "In this case, the necessary Forced labor as punishthem are equally involved in initial steps of denazificaextreme cruelty towards the tion can be defined as folcivilian population, equally lows:

guilty of the genocide of the

Russian people, and do not liquidation of armed Nazi

### A significant part of the

up arms must be destroy- in the sphere of culture and ological principles;

No significant distinction "The period of denazifica- to establish personal re-

or imprisonment will not riod of 25 years."

be applied)

ment for Nazi activities

(from among those to

comply with the laws and formations (which are un-"RIA Novosti columnist customs of war. War crimi- derstood to mean any ar- "lustration, publication of Timofey Sergeytsev shared nals and active Nazis must med formations of Ukraine, the names of accomplices his thoughts on what the de- be punished in an exempla- including the Armed Forces of the Nazi regime, their nazification of Ukraine im- ry and demonstrative man- of Ukraine), as well as the forced labor to restore the plies and why it is needed." ner. Total lustration must be military, information, and destroyed infrastructure as educational infrastructure punishment for Nazi actithat ensures their activity;

> self-government applied); the population from the sion of Russia, of primary terror of underground Nazi normative acts of denazi-

tudes and strict censorship: materials and prohibition of morials, not only in the political sp- educational programs at all signs, and monuments to "Nazis who have taken here, but also necessarily levels that contain Nazi ide- the victims of Ukrainian

> mass investigative actions fight against it; the Nazi regime;"

vities (from among those to whom the death penalty the formation of organs of or imprisonment will not be

> fication "from below", the prohibition of all types and ideology;

> Nazism, perpetuating the memory of the heroes of the

should be made between tion cannot be shorter than sponsibility for war crimes, inclusion of a set of the Ukrainian Armed For- one generation, which must crimes against humanity, anti-fascist and denazificaces and the so-called natio- be born, grow up and reach the dissemination of Nazi tion norms in the constitunal battalions, as well as the maturity under the condi- ideology and support for tions of the new people's republics;"

#### This will go on for 25 vears

"creation of permanent dewhom the death penalty nazification bodies for a pe-

## **Dmitry Medvedev's Rhetoric on Ukraine: A** Glimpse into His Language and Ideology

Dmitry Medvedev, the former President of Russia and current Deputy Chairman of the Security Council, has once again attracted attention with a provocative and incendiary statement about the ongoing conflict in Ukraine. On August 30. Medvedev posted a message on Telegram that stands out for its harsh language and extreme accusations, revealing the extent to which Russian political discourse has escalated in recent years.

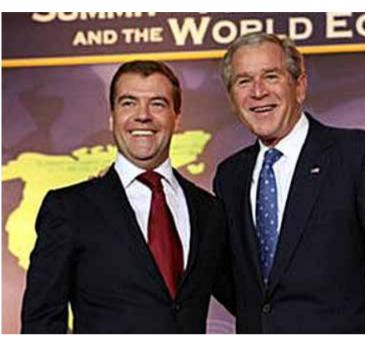
In his post, Medvedev launches into a tirade against the Ukrainian government and its Western allies, labeling them with a string of derogatory terms. He refers to Ukrainian leaders as "Kyiv neo-Nazis" and claims that they are "desperately supported" by what he describes as "rabid animals who guard the Western world today." These comments not only reflect a starkly hostile stance but also employ dehumanizing language, a tactic often used to demonize opponents and justify aggressive actions.

Medvedev goes on to make sweeping accusations about the motivations behind Ukraine's efforts to regain control over the Donbass region. He asserts that the Ukrainian leadership is driven solely by a desire for money, claiming, "The reason is banal: they need money. Cash - or money, in other words." According to Medvedev, this financial desperation stems from the alleged corruption and economic its natural riches. mismanagement by President

Zelensky's administration, which he describes as a "criminal clique" that has led Ukraine to "disaster."

One of the most striking elements of Medvedev's message is his use of grotesque metaphors and insults to describe both Ukrainian and Western figures. For instance. he refers to U.S. President Joe Biden's administration as "Biden's half-dead dog" and dismisses other Western leaders as "insignificant homunculi standing by a stinking trough in the so-called Baltics." Such language is unusually coarse for a former head of state, suggesting a deliberate attempt to provoke and appeal to a specific audience that resonates with such rhetoric.

Medvedev also delves into the economic aspects of the conflict, specifically focusing on Ukraine's mineral resources. He argues that Western countries are primarily interested in Ukraine because of its vast mineral wealth. particularly in the Donbass region. He notes, "according to open sources, the total value of Ukraine's mineral resource base is estimated at almost \$14.8 trillion," with a significant portion located in regions that are now controlled by Russia. This framing suggests that Medvedev views the conflict as not just a geopolitical struggle but also a resource war, with the West exploiting Ukraine for



Dmitry Medvedev and George W Bush

In a particularly alarming section of his post, Medvedev and will soon face economic accuses Western powers of having no regard for Ukrainian lives, claiming they are pushing for a war "to the last Ukrainian" in order to gain access to these resources. He writes, "The lives of ordinary Ukrainians do not matter. That is the entire cynical interest of the green meat and hairy dung flies from the Anglo-Saxon world." This vivid and repugnant imagery serves to further dehumanize both Western leaders and the Ukrainian people, painting them as mere pawns in a larger, malevolent scheme.

Medvedev's rhetoric culminates in a grim prediction for Ukraine's future, suggesting that the country is on the brink of "rapid decomposition and inevitable collapse." He argues that with much of its resource base now under Russian control, Ukraine

has little left to sustain itself ruin. This apocalyptic vision is presented with a sense of satisfaction, as Medvedev concludes that the "resource base illegally obtained by Bandera's creatures at the end of the 20th century has returned to their native country."

Overall, Medvedev's Telegram post is a stark example of how the conflict in Ukraine is being framed within Russian political discourse. The use of inflammatory language, dehumanizing metaphors, and extreme accusations reflects not only the depth of hostility but also a deliberate strategy to vilify opponents and justify Russia's actions. For a former president of a global power, such rhetoric is both surprising and unsettling, highlighting the extent to which the norms of political communication have shifted in the current geopolitical climate.

### **CAUSERIE**

## Soil floor or concrete - an unexpected health issue?

We have long seen concrete floors as a sign of modernity and hygiene. But what if the old truth that dirt floors are unhealthy isn>t true?

An ongoing study in Bangladesh is now challenging our prejudices about the role of flooring for our health.

The official name of the study is «Cement floors and child health (CRAD-LE): a randomized trial in rural Bangladesh» and it can be found online. The study is led by Jade Benjamin-Chung, a researcher at Stanford University in the United States.

Researchers in Bangladesh are now comparing whether small children in houses with soil floors get more intestinal infections than children in houses with concrete floors. The results of the study could have major consequences, not only for developing countries, but also for our own home environments.

What if it turns out that soil floors, with their natural materials, can actually have a positive impact on our health? Perhaps soil floors can contribute to a more balanced microbiome, that is, the billions of



bacteria that live in and on that mean for us here in our role in our health.

can be healthier, what does with nature.

us. There is a growing body Nordic countries? Should of research that shows that we start tearing up our our gut flora plays a crucial concrete floors and replacing them with dirt floors? Maybe not fully, but it can If the study in Bangla- force us to rethink our hodesh shows that soil floors mes and our relationship

Perhaps we can be inspired by other cultures where dirt floors are a natural part of the living. Perhaps we can find ways to combine modern conveniences with more natural materials.

Its important to remember that a single study doesn>t provide the whole truth. But it can ignite new thoughts and discussions. Maybe its time to question some of our ingrained notions of what is hygienic and healthy.

So, while we wait for the results from Bangladesh, we can consider the following questions:

What advantages and disadvantages do we see with earth floors and concrete floors?

How can we create homes that are both healthy and comfortable?

How can we balance our needs for modernity and contact with nature?

Whatever the results of the study, it can contribute to an important discussion about our living environment and our health. Maybe its time to look at our homes with new eyes and discover new ways to live more sustainably and healthily.

### **ASTRONOMY**



# Next year the sun and moon will get dark

### - as always

vity in the sky again.

The sun and moon are doing what they have been doing for billions of years – getting dar-These celestial events have always that they are only phethe laws of nature.

lunar eclipse will take pla- the moon. These events can be expected on September 17, several times. 2024, both visible from Fin-

opportunities.

**Eclipses** should ver be viewed directly at the sun, as this can permanently the eyes

aroused wonder and like the universe's own little Lunar eclipse dates: A partial moon, casting its shadow on sky change in an instant.

April 8, 2024; However, it is tion, field of vision, and even world surrounds us. not visible in Finland. Both color of eclipses may vary. lunar eclipses will therefore For example, solar eclipses

Next year, too, there be visible in Finland, which can be partial or total, and lu-wing next year's eclipses, you will be regular acti- provides excellent observation nar eclipses can be reddish as should check out your local sunlight refracts through the astronomical societies or web-Earth's atmosphere.

> computer programs that allow when and where the eclipses us to predict future eclipses will be visible. You can also decades in advance. This is a get yourself a small telescodamage huge step forward compared pe or binoculars to observe to ancient peoples, who often events in the sky more closely. interpreted eclipses as signs of Solar and lunar eclipses are wrath from the gods.

even fear in people, theatrical performance. In a fascinated by the changes ta- damage the eyes. Always wear but today we know solar eclipse, the moon pas- king place in the sky? Maybe appropriate safety glasses or ses between the Earth and it's because eclipses remind us other protective equipment. the sun, shading the light of of our own smallness and that nomena according to the sun. In a lunar eclipse, on we are part of something much be regular activity in the skies the other hand, the Earth pas- bigger. Or maybe it's just that again. The sun and moon are ses between the sun and the amazing feeling of seeing the getting darker, as they always

ce on March 25, 2024, and a seen in different parts of the certain that next year's eclip- to stop for a moment and adpartial lunar eclipse is also globe every year, sometimes ses will once again arouse mire the beauty of the univerpeople's curiosity and admira-se. Although eclipses are re-tion. Following them is a great land. A total solar eclipse will curring events, they are never way to remind yourself of be seen around the world on exactly the same. The dura- what a wonderful and diverse

> What's next? If you are interested in follo-

sites. Here you will find more Today, we have accurate detailed information about

Remember: Eclipses should never be viewed directly at the But why, then, are we still sun, as this can permanently

So next year, too, there will have been. These celestial Whatever the reason, it is events are a great opportunity

### **Al-Generated Podcasts: A New Era of Audio** Content with Notebookl M

In the rapidly evolving landscape of digital media, artificial intelligence continues to push boundaries, reshaping industries and redefining creative processes. Natural-Sounding Voice: One of the most groundbreaking developments is Google's NotebookLM, an advanced language model with the potential to revolutionize the podcasting world. With its ability to generate human-quality audio content, NotebookLM is paving the way for a new era of AI-driven storytelling, education, and entertainment.

#### The Emergence of Al-Generated Podcasts

As the podcasting industry continues to grow at an unprecedented rate, content creators and media companies are always on the lookout for innovative tools to streamline production and enhance creativity. model can generate pod-NotebookLM, initially celebrated for its ability to generate high-quality written content, has now ventured into the realm of audio. This cutting-edge technolo- ment with different styles gy is capable of producing podcasts that are nearly indistinguishable from those created by human hosts, opening up exciting possibilities for the future of digital content.

The appeal of Note-

bookLM-generated podcasts lies in several key features that set them apart from traditional podcasts:

NotebookLM can produce audio content with a voice that mimics the natural cadence and tone of human speech. This makes it difficult for listeners to discern that the podcast is AI-generated, offering a seamless listening experience.

Diverse Range of Topics: Whether it's breaking news, current events, or light-hearted storytelling, NotebookLM can tackle a wide array of subjects. Its versatility makes it an ideal mation ensures that listetool for content creators looking to explore different genres without the constraints of time and labor-intensive production.

casts in various formats, including monologues, interviews, and panel discussions. This flexibility enables creators to experiand cater to the unique preferences of their audience.

of the most remarkable features of NotebookLM is its ability to generate content in real-time. This makes it possible to create on-demand podcasts that keep up with rapidly evolving events, such as news reports or live commentary. entertainment.

#### **Potential Applications in Various Industries**

The potential applications for NotebookLM podcasts are vast, and they have the ability to transform the way information is consumed across multiple industries:

News and Current Events: Journalists and media outlets can use NotebookLM to produce timely, accurate, and engaging news podcasts. The AI's capacity to quickly synthesize inforners are always kept up to date on the latest developments.

Education: The rise of educational podcasts has Customizable Formats: The made learning more accessible, and NotebookLM can enhance this trend. It can generate informative content on a wide range of subjects, from history and science to language learning, making education more engaging and tailored to individual needs.

Real-Time Generation: One Entertainment: AI-generated podcasts can entertain listeners with fictional stories, jokes, and even creative narratives. The model can generate plotlines, characters, and dialogue, allowing for endless possibilities in the world of

Personalized Content: By analyzing listener preferences. NotebookLM can tailor podcasts to suit individual interests. Whether a listener prefers in-depth political analysis or light-hearted conversations, the AI can craft content to match specific tastes.

#### **Ethical Considerations** and Challenges

While the potential of NotebookLM podcasts is immense, it raises important ethical questions. The rapid development of AI-generated content has sparked concerns about the accuracy and integrity of the information being disseminated. In particular, the risk of spreading misinformation or displacing human creators poses significant challenges.

The creators of NotebookLM acknowledge these concerns and stress the importance of responsible usage. As AI-generated content continues to evolve, it will be crucial to establish guidelines and regulations to ensure transparency and accountability in content creation. Protecting the integrity of



the information and safeguarding the role of human creativity must be prioritized as this new technology gains traction.

https://vpress.ovh/podcasts.htm

Moreover, the potential impact on employment in the media and creative sectors cannot be ignored. As AI takes on more roles traditionally reserved for humans, there may be an inevitable shift in the job market. However, AI could also serve as a tool to enhance human creativity, allowing professionals to focus on more complex tasks while the AI handles repetitive or time-consuming processes.

### a straightforward **The Future of Podcasting**process. Here's how you with Al

NotebookLM podcasts represent a new frontier in Begin by deciding on the world of digital audio content. With the ability to generate high-quality, engaging, and diverse podcasts, this AI technology could significantly shape the future of media consumption. As with any technological advancement, it's important to strike a balance between embracing innovation and addressing its broader soci-a script or outline. By

As AI continues to integrate into everyday life, NotebookLM offers content

creators an opportunity to push the boundaries of creativity and efficiency. Whether it's through educational materials, real-time news reports, or entertainment, AI-generated podcasts have the potential to reach new audiences and offer a fresh perspective on content creation.

**Creating Your** Own Podcast with NotebookLM: A Stepby-Step Guide

For those eager to explore this new technology, creating a podcast with NotebookLM is

can get started:

Define Your Concept: the topic, target audience, and format of your podcast. Whether it's a conversational format or a narrative-driven approach, having a clear vision will help guide the continues to evolve, content generation.

Generate a Script: Use NotebookLM to create al and ethical implications. providing the model with prompts or questions, you can guide the direction of the content and

ensure it aligns with your goals.

Refine and Edit: Once the script is generated, review it to make any necessary edits. This is where you can inject your personal touch or adjust the content to ensure it resonates with vour audience.

Convert to Audio: You can then use a text-tospeech tool to convert the script into audio. NotebookLM can also provide suggestions for voices that suit the tone and style of your podcast.

Add Sound Elements: To enhance the listening experience, consider incorporating music, sound effects, or audio transitions that add depth to your content. Publish and Distribute: Once your podcast is ready, distribute it on platforms like Apple Podcasts, Spotify, or Google Podcasts to reach a wider audience.

As NotebookLM it promises to bring new opportunities for podcast creators, offering powerful tools to transform ideas into high-quality audio experiences. The future of podcasting is here, and it's powered by AI.

## Nordic Countries Unite for a Shared Al **Future**



The Nordic Council has set its sights on the development of artificial intelligence (AI) and its potential The Nordic countries have to shape the future of the Nordic region. At a summit digital innovation. With a in Copenhagen, a shared vision for 2030 was discussed, where the region would become a global leader in responsible and innovative AI development. role in AI. By prioritizing

"We are in the midst of a digital revolution," stated Karen Ellemann, Secretary-General of the Nordic Council. "The Nordic countries, with their strong research base and democratic values, have a unique ponsible AI," emphasized opportunity to shape the development of AI in a way that benefits both our citizens and society as a whole."

#### A Region with Enormous **Potential**

long been pioneers in highly educated population, a strong startup ecosystem, and international cooperation, the region is well-positioned to take a leading human well-being and democratic values, the Nordic countries can develop AI solutions that are both innovative and ethical.

"We have a responsibility to be at the forefront of res-Ellemann. "Through collaboration, we can maximize the potential of AI while minimizing the risks."

**Challenges and Solu-**

Despite the great opportunities, there are also challenges to overcome. One of is to use AI to strengthen the biggest is the shortage of qualified professionals in the field of AI. Educational institutions must adapt their programs to meet the growing demand for AI experts. Additionally, more collaboration is needed in data sharing to develop more advanced AI solutions.

"Data is key to successful AI development," stated Ellemann. "We must find ways to share data securely and efficiently while protecting privacy."

#### **A Shared Vision for** 2030

The Nordic Council has presented a vision for 2030 where the Nordic countries become world leaders in responsible AI. The goal competitiveness, improve public services, drive sustainable development, and secure cybersecurity.

"We want to create a future where AI serves people," said Ellemann. "Through collaboration, we can shape a future where AI is a force for good."

At the meeting in Copenhagen, representatives from both the public and private sectors discussed how this vision can be realized. While there is still much work to be done, it is clear that the Nordic countries have an ambitious goal to be a global leader in AI development.

# The best AI is yet to be decided



intelligence, a handful te. of models have emerversatile AI assistants. GPT-3.5, GPT-4, GPT-4.0, Gemini Pro, Moweaknesses.

As the AI industry continues to advance at breakneck speed, the question of

In the rapidly evolving which model reigns supre- ability to engage in more For now, the crown of landscape of artificial me remains open for deba- nuanced, emotionally awa- "best AI" remains unclai-

GPT-3.5 and GPT-4, detop spot, each with boasts enhanced reasoning AI interactions. its own strengths and abilities and improved con-

in certain appli--cations, ticularly sing.

Monica, niche for itself it. with its focus

re dia-logues sets it apart.

veloped by OpenAI, have Anthropic, has gained re- bution to the field. As these -ged as frontrunners garnered significant atten- cognition for its strong em- technologies continue to in the race to create tion for their im-pressive phasis on safety and ethical advance, users and deve-lothe most capable and natural language processing considerations. With buil- pers alike will need to carecapabilities. GPT-3.5 offers t-in safeguards and a com- fully consider their specific a good balance of perfor- mitment to responsible AI requirements and ethical -mance and cost-effective- development, Claude 3.5 conside-rations when chooness, making it accessible appeals to users who prio- sing an AI model. nica, and Claude 3.5 to a wider range of users. ritize trustworthiness and are all vying for the GPT-4, on the other hand, ethical align-ment in their from settled, and the best

> text understanding, but co- nue to evolve, their relative even greater breakthroughs mes with a heftier price tag. strengths and weaknesses in artificial intelligence, one Google's Gemini Pro has shift. GPT-4.0, for instance, thing is certain: the race to entered the fray with pro- promises even greater capa- create the ultimate AI assismising multimodal capabi- bilities than its predecessor, tant is far from over. lities, able to process and but details remain scarce.

generate both The rapid pace of develotext and images. pment means that today's This versatility leader could be overtaken gives it an edge by tomorrow's innovation.

Each model presents its par- own set of advantages and those drawbacks. While some requiring visual excel in raw pro-cessing understanding power and breadth of knoalongside lan- wledge, others shine in guage proces- specific domains or in their appro-ach to user interaca tion. The "best" AI ultimalesser-known tely depends on the specific contender, has needs and values of the user carved out a or organization deploying

As researchers push the on emot-ional boundaries of what's possiintelligence ble in AI, we can expect to and empathy in see even more powerful and conversations. sophisticated models emer-While it may ge. The competition betnot match the ween these AI giants drives raw processing innovation, pushing each to power of some improve and differentiate itcompetitors, its self from the pack.

med, with each model offe-Claude 3.5, developed by ring its own uni-que contri-

The AI landscape is far may indeed be yet to come. As these models conti- As we stand on the cusp of

## **20** Everyday Abbreviations You Need to **Know (and Maybe a Few You Don't)**



Abbreviations are eve- 6. rywhere these days. From mation (A heads-up for texting acronyms to tech- someone) nical jargon, those handy 7. 3-letter (and sometimes Time of Arrival (Lets you longer) combos can be con- know when to expect sofusing if you're not in the meone) know. But fear not, fellow 8. abbreviation This article will equip you sponse to an invitation) with the knowledge to de- 9. cipher 20 of the most com- Document Format (A mon abbreviations you'll common file format for encounter in everyday life. documents)

- 1. LOL: Laughing Out Loud (This one might already be a classic for many!)
- 2. BRB: Be Right Back (Perfect for a quick bathroom break during a chat)
- OMG: Oh My God (Expresses surprise or strong emotion)
- IMHO: In My Humble Opinion (A way to preface your opinion politely)
- As Possible (Lights a fire under someone... nicely)

- FYI: For Your Infor-
- ETA: Estimated
- RSVP: Please Reply adventurer! (Formal request for a re-
  - PDF: Portable
  - JPG: Joint Photo-10. graphic Experts Group (A popular image file format)
  - GIF: Graphics Interchange Format (Another image format, known for animations)
  - 12. TIFF: Tagged Image File Format (Used for high-quality images)
  - WWW: World Wide 13. Web (The foundation of the internet we know)
- HTTP: Hypertext Transfer Protocol (The \*\* ASAP:\*\* As Soon language webpages use to talk)
  - 15. GPS: Global Positi-

oning System (Helps you navigate the world)

- ATM: Automa-16. ted Teller Machine (Your friendly neighborhood cash dispenser)
- DIY: Do It Yourself 17. (For the handy folks out there)
- 18. VIP: Very Important Person (Someone who gets special treatment)
- TBA: To Be Announced (Stay tuned for more information)
- TBD: To Be Determined (We're still figuring things out)

This is just a taste of the abbreviation world, with these 20 under your belt, you'll be well on your way to deciphering the everyday lingo, from casual texts to technical documents. So, the next time you see an abbreviation that leaves you scratching your head, remember this list and keep on exploring

the wonderful world of shorthand communication!

#### **Wasa Daily**

A modern newspaper with a layout with features of the press of the 1870s. Back then, newspapers had only 4-8 pages. Lots of text, but no images a all, so there's a lot to read on a few pages. Our paper is one of the very few newspapers in English serving English-speaking inhabitants in the Osthrobotnia region

The magazine contains quotations rom old daily newspapers taker rom the National Archives (digi.kan salliskirjasto.fi). GPT3, Gemini and Monica do some of the routine editing work, such as translation, corrector eading, and short notice writing. Al texts have been checked by journalists and the editorial staff is responsible for all the content of the texts.

Wasa Daily is a daily newspaper type publication, so far it is published on Sunday mornings. But our goal is for it to come out every morning in

The magazine is available online

Editor-in-chief Hans Björknäs. Readers' writings are welcome!

The magazine is locally owned and vill remain so. For ever!

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Helsinki editorial office: Wasa Dai y, Toinen linja 9 B 36, 00530 Helsinki. hone +358-40-5462455.

Email: wasadagblad@gmail.com



Last weeks house: **Railway Station** 

**Photo** 

# Those who know a little more are those

### who read Wasa Daily





### HOROSCOPE FOR OCTOBER 2024

### What's in the Stars for You This Month?

Aries (March 21 - April 19): You're feeling bold, Aries! But before you start rearranging your furniture or challenging your boss to a dance-off, remember: moderation is key. Use your energy wisely (maybe just redecorate one room).

Taurus (April 20 - May 20): This month, comfort is calling your name. Whether it's extra blankets or extra snacks, lean into your cozy instincts. Just don't let Netflix ask, "Are you still watching?" more than three times in a row.

Gemini (May 21 - June 20): You'll be juggling social plans like a circus performer, but careful, Gemini—drop too many balls, and you might end up at two dinner parties on the same night. Pro tip: Bring snacks to both!

Cancer (June 21 - July 22): The mood swings are strong, but so is your ability to turn a crisis into a dramatic monologue. Channel your inner soap opera star and add some flair to your daily life. Who says grocery shopping can't be theatrical?

Leo (July 23 - August 22): As the star of your own

show, you're ready for the spotlight. Just make sure you let others shine too—unless, of course, it's karaoke night. Then by all means, belt it out like you're headlining Madison Square Garden.

Virgo (August 23 - September 22): Lists, lists, and more lists. But here's the twist: not everything needs to be planned. Surprise yourself this October by doing something spontaneous. Don't worry, you can still make a checklist about it afterward.

Libra (September 23 - October 22): October is all about balance, Libra, but you already knew that. Just remember, balance means a little bit of cake and kale. Enjoy your treats without feeling guilty—life's all about those sweet and savory moments!

Scorpio (October 23 - November 21): You're mysterious, Scorpio, and this month your secretive side is working overtime. Whether it's keeping Halloween costume ideas under wraps or dodging awkward conversations, your poker face is flawless.

Sagittarius (November 22 - December 21): Adventure awaits! But maybe skip

the bungee jumping and stick to exploring new coffee shops. Your sense of humor will be your best compass this month, so laugh it off when you end up in a cafe with no Wi-Fi.

Capricorn (December 22 - January 19): You're climbing that mountain of success, but October reminds you to take a break. Celebrate the little victories—like finally organizing your sock drawer. Yes, that counts!

Aquarius (January 20 - February 18): Your quirky ideas are in full bloom this month. Maybe it's time to finally start that weird hobby you've been thinking about—macramé plant holders, anyone? The sky's the limit for your creativity!

Pisces (February 19 - March 20): Your dreamy side is on overdrive, Pisces. Just don't get too lost in your fantasies, or you might accidentally miss that important Zoom meeting. Maybe set a few extra reminders (and make sure they're not all daydreams!). Happy October, everyo-

ne—may your stars be aligned and your socks always have matches!

### **HUMOUR ONE HUNDRED YEARS AGO**

#### **MR WEST**

A well-known joker once came in company into a restaurant, where he saw a familiar gentleman named Wester sitting drinking toddv.

"Listen, Wester," he exclaimed, "can you tell me what is the resemblance between the sun and a toddy?"

"No", he replied.

"Well, both go down in the west," was the answer.

#### WHERE THE CHILDREN **COME FROM**

There was a group of three flamboyantly dressed very little girls, with barks and ribbons and precious toys and neighbor dolls, and near them was playing on the sand a poor little girl of about the same age, scantily clad and with a home-made primitive doll in her arms. The three fine children discussed the interesting question of where they came from, which proved a highly interesting topic for toddler speculation.

- I come from a rose, mother said, uttered one of the little living dolls.
- And me again, interjected No. 2, I must have come from a head of cabbage.
- "I, yes I was picked up by a stork," said number three. Whereupon she, who had come out of a rose, scornfully and proudly turned to the poor little scantily clad girl child, and said nobly:
- And you, there, where did you come from?
- Alas, answered little Cinderella, we are so poor, so terribly poor back home, that mother and father have to

make their children themselves.

#### **DAMN LUCK**

- Hello, my lord, cried the energetic flower seller, buy some flowers for your dar-
- I have no sweetheart, said the young man.
- Then buy some flowers for vour wife.
- I have no wife.
- Well, lucky cheese, then buy some flowers to celebrate your damn luck.

#### THE CUCKOO

The teacher (who told about the cuckoo):

- Well, what is it in the main that you now know about the cuckoo?' Student:
- It does not lay its own eggs.

### Astronomical image of the week:



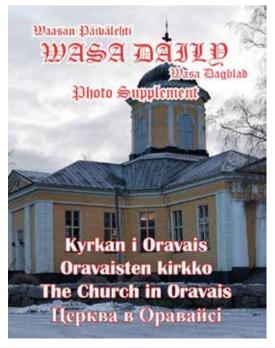
#### Mars Hubble.jpg

NASA's Hubble Space Telescope took the picture of Mars on June 26, 2001, when Mars was approximately 68 million kilometers (43 million miles) from Earth — the closest Mars has ever been to Earth since 1988. Hubble can see details as small as 16 kilometers (10 miles) across. The colors have been carefully balanced to give a realistic view of Mars' hues as they might appear through a telescope. Especially striking is the large amount of seasonal dust storm activity seen in this image. One large storm system is churning high above the northern polar cap (top of image), and a smaller dust storm cloud can be seen nearby. Another large dust storm is spilling out of the giant Hellas impact basin in the Southern Hemisphere (lower right).

NASA and The Hubble Heritage Team (STScI/AURA)

Public domain

### **NFXT WEEK:**



#### From our readers

We very much welcome submissions from our readers. Comments, stories, memories, debate, news from home. Probably this will be the most important part of this spring paper. But space is limited, so please write as short as possible! So please send posts to: wasadagblad@gmail-com

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