



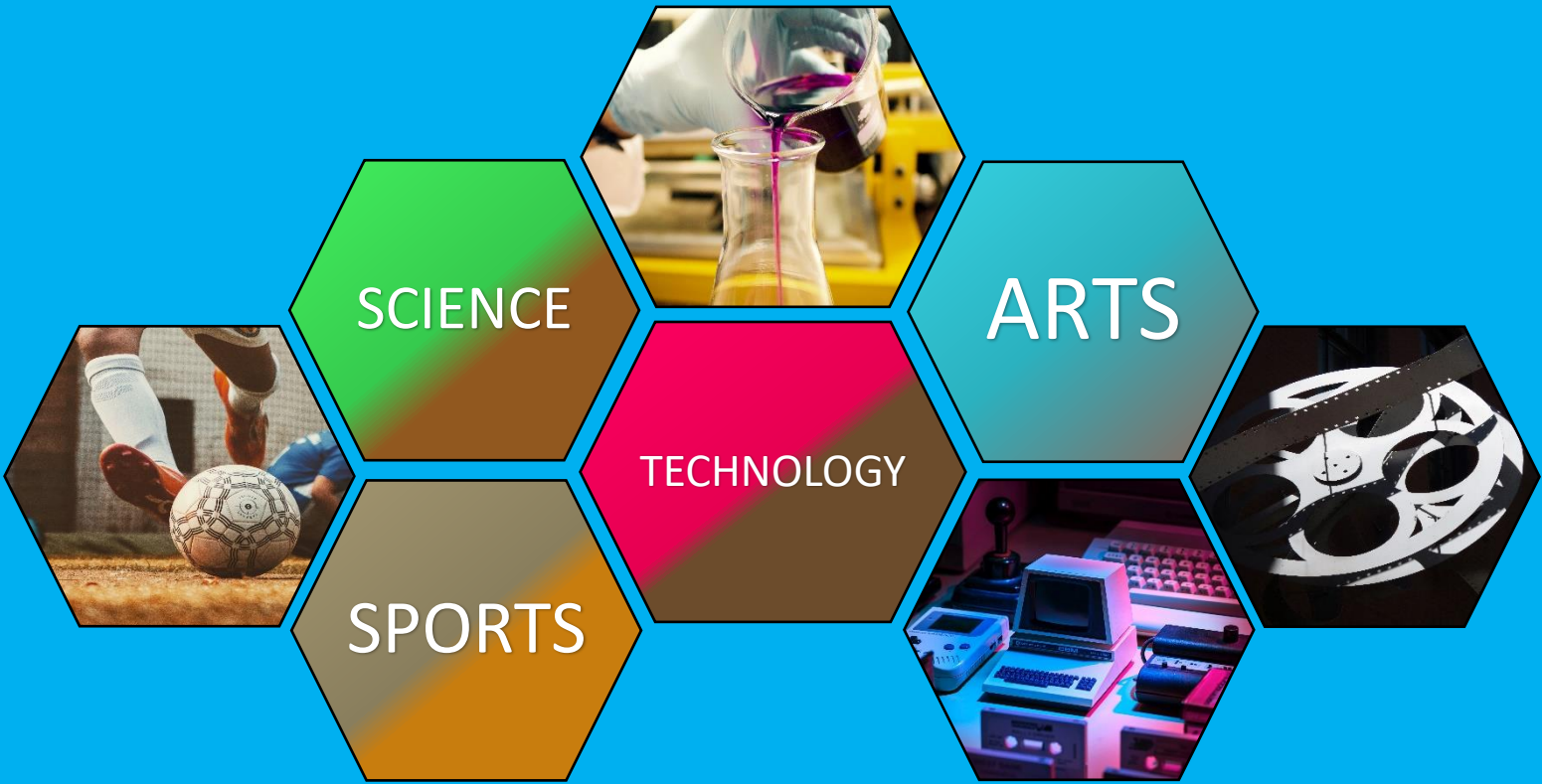
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SCIENCE

Ancient Woman's DNA Recovered From 20,000-Year-Old Deer Tooth Pendant

(May 7, 2023)

Researchers from the Max Planck Institute have successfully isolated ancient human DNA from a Paleolithic deer tooth pendant, paving the way for directly identifying the users of artifacts from the deep past and gaining deeper insights into Paleolithic societies. *An international research team led by the Max Planck Institute for Evolutionary Anthropology in Leipzig, Germany, has for the first time successfully isolated ancient human DNA from a Paleolithic artifact: a pierced deer tooth discovered in Denisova Cave in southern Siberia.*

Read more at: <https://scitechdaily.com/ancient-womans-dna-recovered-from-20000-year-old-deer-tooth-pendant/>

New Research Unveils The Gut's Surprising Role In Anorexia

(May 5, 2023)

Using DNA technology and advanced bioinformatics analyses, the researchers identified distinct and marked changes in composition and function of the intestines' trillions of bacteria and viruses in cases with anorexia nervosa. Credit: Søren Vestergaard/University of Copenhagen. Contrary to common belief, anorexia nervosa is not just a desire to be skinny. Rather, it is a complicated mental illness that alters the brain's control over hunger and self-perception of one's body.

Read more at: <https://scitechdaily.com/new-research-unveils-the-guts-surprising-role-in-anorexia/>

Toxic Time Bomb: The Dangers of Discarded Cigarette Butts

(May 3, 2023)

The world's most common form of litter is cigarette filters. Researchers from the University of Gothenburg have discovered that these filters are releasing thousands of toxic substances and plastic fibers that are harmful to aquatic larvae. In light of these findings, the researchers are advocating for a complete ban on cigarette filters. Cigarette butts are a ubiquitous sight in our streetscapes – on sidewalks, at bus stops, in parks, and on beaches.



Credit: Bethanie Carney Almroth

Read more at: <https://scitechdaily.com/toxic-time-bomb-the-dangers-of-discarded-cigarette-butts/>

“Waves of Extinction” – Prehistoric Poo Tells the Story of Megafauna Extinction in Colombian Andes

(May 2, 2023)

Fungal spores discovered in dung have unveiled that megafauna experienced two distinct extinction “waves” in the Colombian Andes. Coprophilous fungi spores, which are integral to the life cycle of large animals weighing over 45 kg, pass through the digestive systems of these creatures.



Credit: F. Pym 2022

Read more at: <https://scitechdaily.com/waves-of-extinction-prehistoric-poo-tells-the-story-of-megafauna-extinction-in-colombian-andes/>

Silent Epidemic: Oral Sex Is Now the Leading Risk Factor for Throat Cancer

(May 1, 2023)

Over the last two decades, the incidence of oropharyngeal cancer, a specific type of throat cancer, has dramatically increased in the West due to the human papillomavirus (HPV), leading some to call it an epidemic. This is an illustration of human papillomavirus. The rapid rise in oropharyngeal cancer in the West over the past two decades is largely attributed to the sexually transmitted human papillomavirus (HPV).

Read more at: <https://scitechdaily.com/silent-epidemic-oral-sex-is-now-the-leading-risk-factor-for-throat-cancer/>



ARTS

Hungry' student eats artwork of a banana duct-taped to a South Korean museum wall

(May 2, 2023)

The famous banana artwork by Italian artist Maurizio Cattelan has been a subject of fascination and amusement for many. However, for one **South Korean** student, it seemed like an enticing meal. Recently, an art student from Seoul National University took the displayed banana off the wall and casually devoured it.

Read more at:

<https://indianexpress.com/article/lifestyle/art-and-culture/hungry-student-eats-banana-duct-taped-artwork-south-korea-maurizio-cattelan-8587134/>



credit : indian express

Artists to Russia: 'Our fire is stronger than your bombs'

(May 4, 2023)

As Ukrainian artists Jenya Polosina and Anna Ivanenko watched missiles descend on their country, the two decided to use their creativity to push back against Russia's invasion. Working in the early days of the war from bunkers or sometimes without electricity and water in Kyiv, they and other artists started drawing. Some of their war posters are now on display in New Hampshire. In the exhibit entitled "Our Fire is Stronger Than Your Bombs," posters from Ivanenko show children studying in a bomb shelter and Ukrainians fleeing the country soon after the war started.

Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/ukraine-artists-to-russia-our-fire-is-stronger-than-your-bombs-8590731/>

Tibetans weave dreams in Arunachal refugee camp

(May 7, 2023)

Sonam Tsomo, a 50-year-old Tibetan weaver, has made a comeback in her life at the **Tibetan settlement** in Changlang district of Arunachal Pradesh, after she joined the carpet centre three decades ago. Today, Tsomo and many of her peers have made the settlement their home, where they weave dreams in their looms. The carpet centre at Choephelling Tibetan refugee camp is the backbone of the 500-odd Tibetan refugee families whose ancestors had fled Tibet along with the 14th Dalai Lama after the Chinese invasion in 1959.



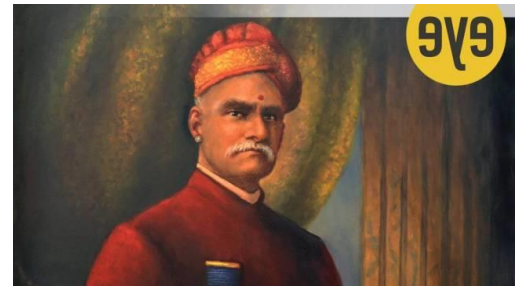
credit: Pixabay

Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/tibetans-refugee-weavers-arunachal-refugee-camp-utpal-boruah-8596268/>

On his 175th birth anniversary, remembering the life and legacy of Raja Ravi Varma

(May 6, 2023)

At Louvre Abu Dhabi, in an exhibition that investigates the origins of Indian cinema, alongside costumes and props from iconic Bollywood movies, are 19th century chromolithographs of Lord Krishna, goddesses Lakshmi and Mohini, painted by Raja Ravi Varma. Gitanjali Maini, managing trustee and CEO of the Raja Ravi Varma Heritage Foundation (RRVHF), points out how Varma not just humanised the deities.



Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/raja-ravi-varma-legacy-life-work-8595569/>

The structure of dance remains unchanged despite the language in which it is expressed': Drs Raja Radha Reddy

(May 4, 2023)

For over 50 years, Drs Raja and Radha Reddy have devoted themselves to Kuchipudi, ensuring that this **traditional dance form from India** gets its due on the global cultural map. Such is their dedication and contribution to their art form, that their efforts have been lauded by the government of India on many occasions, and they have also been conferred the highest civilian awards — Padma Shree and Padma Bhushan — along with the Sangeet Natak Akademi and Nritya Choodamani Awards.

Read more at: <https://indianexpress.com/article/lifestyle/art-and-culture/dr-raja-radha-reddy-kuchipuri-evolution-journey-classical-dance-india-8587689/>



Wavefront Shaping: Astronomical Techniques for Clearer Medical Imaging

(May 5, 2023)

Researchers at Caltech's Department of Medical Engineering have made significant progress in medical imaging by using wavefront shaping inspired by astronomy. Wavefront shaping is a method used to correct optical distortion caused by the Earth's atmosphere in astronomical imaging. Similar to the Earth's atmosphere, biological tissue also scatters light, making microscopic images of blood vessels, nerves, and cancer cells appear distorted.

Read more at: <https://scitechdaily.com/wavefront-shaping-astronomical-techniques-for-clearer-medical-imaging/>

Scientists Shine a Light Into the “Black Box” of AI

(May 3, 2023)

Researchers have developed an innovative method to assess the interpretability of AI technologies, improving transparency and trust in AI-driven diagnostic and predictive tools. The approach helps users understand the inner workings of “black box” AI algorithms, particularly in high-stakes medical applications and in the context of the forthcoming European Union Artificial Intelligence Act.

Read more at: <https://scitechdaily.com/scientists-shine-a-light-into-the-black-box-of-ai/>



MIT Engineers Revolutionize Semiconductor Chip Technology With Atom-Thin Transistors

(May 1, 2023)

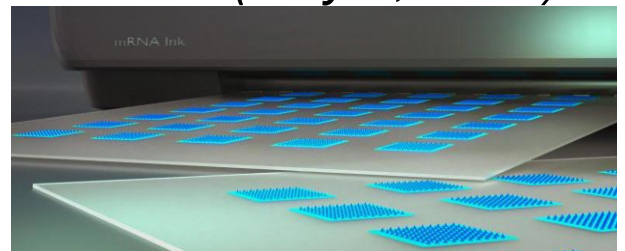
MIT researchers have innovated a low-temperature growth technology to integrate 2D materials onto a silicon circuit, paving the way for denser and more powerful chips. The new method involves growing layers of 2D transition metal dichalcogenide (TMD) materials directly on top of a silicon chip, a process that typically requires high temperatures that could damage the silicon. A new low-temperature growth and fabrication technology allows the integration of 2D materials directly onto a silicon circuit, which could lead to denser and more powerful chips.

Read more at: <https://scitechdaily.com/mit-engineers-revolutionize-semiconductor-chip-technology-with-atom-thin-transistors/>

MIT's Vaccine Printer: The Game-Changer in Vaccine Distribution

(May 2, 2023)

MIT researchers have designed a mobile vaccine printer that could be scaled up to produce hundreds of vaccine doses in a day. This kind of printer, which can fit on a tabletop, could be deployed anywhere vaccines are needed. Pictured is an artist's interpretation of the printer.



Credit: Ryan Allen from Second Bay Studios

Read more at: <https://scitechdaily.com/mits-vaccine-printer-the-game-changer-in-vaccine-distribution/>

Superconductors Unlock High-Speed Travel and Energy Transportation

(May 2, 2023)

Schematic illustration of the superconducting highway for energy transport and storage and superconductor levitation for the transport of people and goods. Revolutionary design could combine superconductor levitation, lossless electricity transmission, and liquid hydrogen transportation into one system. *A proof of concept for a superconducting highway has been developed, which can transport vehicles and electricity while using a liquid hydrogen pipeline for cooling.*

Read more at: <https://scitechdaily.com/revolutionizing-highways-superconductors-unlock-high-speed-travel-and-energy-transportation/>



SPORTS

Disney Star rides the IPL wave with a key playbook to get into more Indian homes

(May 04, 2023)

popularity this season with a three-pronged approach, [Disney Star](#), the official broadcaster in the world's most populous country has stepped inside the homes of more Indians. While Star Sports was present in eight out of 10 paid TV homes before the IPL, the broadcaster added 11 million more paid subscribers in the first 25 days of [IPL](#) and is now present in nine out of 10 paid TV homes in India, Gurjeev Singh Kapoor, Head - Distribution and International - Disney Star, told ET Online.

Read more at: <https://economictimes.indiatimes.com/news/sports/disney-star-rides-the-ipl-wave-with-a-key-playbook-to-get-into-more-indian-homes/articleshow/99978618.cms>

Not just wrestling, half of national sports federations don't have sexual harassment panel mandated by law

(May 6, 2023)

Protests, almost 24 by 7, in Jantar Mantar for 11 days and counting; knocking on the door of the Supreme Court to get FIRs filed; repeated appeals to fellow sportspersons to lend their weight to their [complaints of sexual harassment](#) even as the prime accused digs his heels in. On paper, and, by law, this didn't have to happen. Indeed, the Government's MC [Mary Kom](#)-headed panel that looked into allegations of sexual harassment by some of the nation's top wrestlers against Wrestling Federation of India chief [BJP MP Brij Bhushan Sharan Singh](#), red-flagged this as a "major finding": there was no Internal Complaints Committee (ICC), as mandated by the 2013 Prevention of Sexual Harassment (PoSH) Act.

Read more at: <https://indianexpress.com/article/sports/not-just-wrestling-half-of-national-sports-federations-dont-have-sexual-harassment-panel-mandated-by-law-8590204/>

Veronika Kudermetova defeats Jessica Pegula to reach Madrid Open semifinals

(May 3, 2023)

Veronika Kudermetova reached the semifinals of a WTA 1000 event for the first time by upsetting third-seeded Jessica Pegula 6-4, 0-6, 6-4 at the Madrid Open on Wednesday. The 12th-seeded Kudermetova sealed her victory with an ace on her second match point to set up a semifinal match against either No. 1 Iga Swiatek or Petra Martic, who will play later Wednesday. Pegula was trying to reach her second consecutive final in Madrid.



Credit:Manu Fernandez

Read more at:

<https://indianexpress.com/article/sports/tennis/veronika-kudermetova-defeats-jessica-pegula-to-reach-madrid-open-semifinals-8590151/>

Cristiano Ronaldo knocks Lionel Messi off the perch, tops Forbes' list of highest paid athletes

(May 4, 2023)

Cristiano Ronaldo has leapfrogged Lionel Messi to become the highest paid athlete in the world after his December 2022 move to Saudi Arabian club Al Nassr, according to Forbes. Ronaldo earned £109m last year in "prize money, salaries and bonuses", as well as off-field "sponsorship deals, appearances fees and memorabilia" which helped him grab the number one spot, said the Forbes list.



Read more at: <https://indianexpress.com/article/sports/football/cristiano-ronaldo-knocks-lionel-messi-off-the-perch-tops-forbes-list-of-highest-paid-athlete-8589864/>

SC entrusts ex-judge Rao with task of preparing report on finalisation of constitution of AIFF

(May 2, 2023)

The Supreme Court Tuesday asked former apex court judge L Nageswara Rao to prepare a comprehensive report on finalising the All India Football Federation's (AIFF) constitution by July 31 for running sports in the country after taking note of objections to a draft document by various stakeholders including FIFA.

Read more at: <https://indianexpress.com/article/sports/football/sc-entrusts-ex-judge-rao-with-task-of-preparing-report-on-finalisation-of-constitution-of-aiff-8588144/>