

Quantum computing and AI aren't just two parallel research fields that happen to meet somewhere. They're more like a match made in heaven. The hotly anticipated quantum supremacy, when it unequivocally arrives, would be a landmark achievement in and of itself. However, it is not really about "when" we get to this milestone more than "how" to handle its after-effects. Big Data is the nexus between AI and quantum computers. The former needs data and lots of it to learn and improve its intelligence. The latter are well-equipped to deal with huge swaths of data in a time-efficient manner.

Sudden hearing loss is mostly treated using steroids, supplemented by HBOT. The steroids can be administered orally or through injection, either into the ear or intravenously. If steroids are administered within two weeks of the onset of the symptoms the prognosis is very good; if this treatment is supplemented by HBOT, the hearing of around three-quarters of patients shows a clear improvement.

Miranda Hollingshead, 27, was visiting the Crater of Diamonds State Park in Arkansas in a family outing. They'd been at the park for about an hour, when she decided to take a break at the base of a hill. She fired up the YouTube video and started watching. The park allows its visitors to search for diamonds in a designated 37.5-acre area.

Billions of tons of meltwater flowing into the world's oceans from the Greenland and Antarctic ice sheets could boost extreme weather and destabilize regional climate in a matter of decades, researchers said. The melting ice giants, especially the one atop Greenland, are poised to further weaken the ocean currents that move cold water south along the Atlantic Ocean's floor, while pushing tropical waters northward closer to the surface, scientists reported in the journal, Nature.

Users enter their name and ID number to find out whether they have been in close contact with someone infected. Those who have been are advised to stay home and get in touch with local health authorities. According to the WHO, signs of infection include fever, cough, and shortness of breath and breathing difficulties. In more severe cases, it can lead to pneumonia, SARS, kidney failure and even death.

Despite concerns, almost half believe the internet contributes to their identity, with a similar number suggesting it helps them feel better emotionally or less alone, while others admitted they would be lost without the internet altogether. The survey also shines a light on experiences of disabled young people, 54% of whom said they find it easier to be themselves online than offline.

Yasuke's origins remain a mystery as historical sources are scant. While some researchers believe he was from Mozambique, others suggest Sudan. Lockley suspects that Yasuke was abducted from his family as a child by Arab or Indian slave traders and trafficked through Arab countries and across the Indian Ocean. He likely worked as a slave and trained as a child soldier who fought in Gujarat and Goa in India, before being hired as a valet by Jesuit missionaries from Portugal.

Teaming up with DFO and Rainforest Connection, we used deep neural networks to track, monitor and observe the orcas' behavior in the Salish Sea, and send alerts to Canadian authorities. With this information, marine mammal managers can monitor and treat whales that are injured, sick or distressed. In case of an oil spill, the detection system can allow experts to locate the animals and use specialized equipment to alter the direction of travel of the orcas to prevent exposure.

London can come across as a bit of an aggressive city, especially when it comes to grumpy commuters on the Tube. The hostility is even felt by the capital's mice, two of whom can be seen scrapping in this perfectly timed photo on a London Underground platform. Some 28,000 nature photography fans voted on a shortlist of 25 images and crowned the Bristol based snapper as this year's favorite.

Fire officials and politicians have expressed relief at the change of weather, which brings much-needed water to regions of the country that have spent the last three years in drought. However, they expect hot, dry conditions to return before the fire season is out. This has been an absolute welcome disruption to the weather pattern and a massive reprieve and relief to so many people.

Around 8 a.m. police started receiving calls from people who heard her screaming from the bottom of the cliff, Luna said. It's unclear how she fell or how much time passed before someone heard her calls for help. Videos of the rescue show deputies flying to the shoreline in a helicopter, with one officer rappelling down to the shoreline to reach the woman and later using a hoist to lift her. The woman suffered minor injuries and was taken to a local hospital, Los Angeles County Sheriff Alex Villanueva tweeted.

Pompeii was preserved by the volcanic ash and has become a unique archaeological site. But mudflows and giant, sweeping clouds of hot, toxic gas and volcanic matter destroyed the wealthy coastal town of Herculaneum. The site is near what is now known as Naples in Italy. In a cruel twist of fate, the residents of Herculaneum were able to see the eruption and actually tried to escape its destructive path by evacuating on boats along the waterfront.

Global warming occurs when greenhouse gases such as carbon dioxide and other pollutants in the atmosphere trap the radiation that is reflected from the Earth's surface. Carbon dioxide, in particular, began to increase significantly after the Industrial Revolution, which took place between the late 18th century and 19th century.

Wombats on a New South Wales Hunter Valley farm are being hailed as heroes for burrowing down to an underground soak and supplying water to an array of native fauna hit hard by drought. Beef farmer Ted Finnie's property sits 30 kilometers south-west of Merriwa, an area of the valley that has had almost no rain for the past three years. He said the hole has been there for long time, but has recently grown larger as wombats dig deeper during the drought.