

Best of Last Week—Bronze Age megastructure found, Apple MacBook Pro hacked, the brain is not rewirable

November 27 2023, by Bob Yirka

TSG site of Kačarevo 2 showing: A) Low-lying land, B) raised sand-plateau, C) enclosure ditch, D) activity areas. Photograph and key by Barry Molloy and Darja Grosman. Credit: PLOS ONE (2023). DOI: [10.1371/journal.pone.0288750](https://doi.org/10.1371/journal.pone.0288750)

It was an interesting week for human behavior and history as a team of

climate scientists affiliated with several institutions in China, working with a colleague from the U.S., found evidence that human-produced aerosols [may overtake greenhouse gases in the atmosphere](#), leading to a warmer climate and more weather extremes toward carbon neutrality by 2050. Also, a team of archaeologists from University College Dublin, working with colleagues from Portugal, the U.K., Serbia and Slovenia, uncovered a European hidden [Bronze Age megastructure](#) in the southern Carpathian Basin in Romania. And a behavioral economist at the University of Bath in the U.K., Chris Dawson, [found evidence](#) linking higher levels of unwarranted financial optimism with lower levels of cognitive ability.

In technology news, a team of robotics engineers at Chung-Ang University in South Korea demonstrated [a wearable robot that can assist people with walking](#). And a team of cybersecurity researchers at Georgia Tech [broke Apple's new MacBook pro](#) just weeks after its release. They successfully evaded security measures on the latest MacBook Pro by capturing private information. Also, a team of engineers at the Korea Electrotechnology Research Institute developed a stretchable and efficient [wearable thermoelectric energy harvester](#). And a team at Google's DeepMind [are seeking a consensus](#) on what constitutes artificial general intelligence by publishing a paper on the preprint server *arXiv* asking other researchers to help them come up with a framework that could be used by everyone in the scientific community.

In other news, a team led by a group of medical researchers at the University of California, Irvine, found that [not all brain hemorrhages are caused by injured blood vessels](#)—some, they found, are caused by aged red blood vessels interacting in brain capillaries in ways that can lead to cerebral microbleeds. Also, a team working at the Telescope Array detected [the second-highest-energy cosmic ray ever](#) in data recorded back in 2021. And finally, a pair of brain researchers, Tamar Makin with the University of Cambridge, and John Krakauer with Johns Hopkins

University School of Medicine, claimed that [the human brain is not able to "rewire" itself](#), despite what many scientists believe.

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