

Personalized Newsletter for David Martinez

Hi David Martinez, here are your curated articles for today:

Highlights

- [Sols 4507-4508: "Just Keep Driving"](#)

Sols 4507-4508 were on a successful drive, but a steering command halted the drive a little short when they tried to turn-in-place.

- [NASA-Developed Tools at Marshall Support Operations to Space Station](#)

NASA Automation Tools Enhance Operations for International Space Station Control Center

NASA's Marshall Space Flight Center has developed two automation tools to improve operations for flight controllers working with the International Space Station. These tools, named AutoDump and Permanently Missing Intervals Checker, will streamline workflows and enhance situational awareness for the control team.

- [GLOBE Mission Earth Supports Career Technical Education](#)

Sure, here is the summary you requested: **GLOBE Mission EARTH: Connecting CTE and STEM**
The NASA Science Activation program's GLOBE Mission EARTH is a collaboration between NASA scientists, educators, and schools to foster connections between CTE programs and real-world STEM fields. The mission aims to inspire students to pursue STEM careers by providing hands-on learning experiences and showcasing the diverse opportunities available in the field.

Science

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- [Apollo 13 Launch: 55 Years Ago](#)

Apollo 13 Launch: 55 Years Ago In 1970, five astronauts embarked on a daring mission to the moon, Apollo 13. The crew faced a life-threatening situation when an oxygen tank ruptured 55 hours and 55 minutes into the journey. Faced with an impossible task, they had to abandon the planned lunar landing and embark on a perilous loop around the moon. This unprecedented mission showcased the resilience and ingenuity of the astronauts and the scientific ingenuity that propelled humanity to the moon.

- [NASA's IMAP Arrives at NASA Marshall For Testing in XRCF](#)

NASA's IMAP Arrives at NASA Marshall For Thermal Vacuum Testing in XRCF NASA's IMAP (Interstellar Mapping and Acceleration Probe) arrived at NASA's Marshall Space Flight Center in Huntsville, Alabama, for thermal vacuum testing at the X-ray and Cryogenic Facility (XRCF). The IMAP mission is a modern-day celestial cartographer that will map the solar system by studying the heliosphere, a region beyond Earth's atmosphere that is filled with charged particles and magnetic fields.

- [Author Correction: Sulfide-rich continental roots at cratonic margins formed by carbonated melts](#)

The article discusses the formation of sulfide-rich continental roots at the margins of ancient volcanic provinces. It highlights the presence of carbonated melts, suggesting that the roots formed through the interaction between magma and water. The roots, formed by the solidification of carbonated fluids, are estimated to be around 1.5 billion years old and provide insights into the early history of the Earth.

- [Mystery of medieval manuscripts revealed by ancient DNA](#)

Medieval manuscripts have puzzled historians with their intricate and intricate bindings. A new study reveals that the covers of these books may be made of sealskin, indicating long-distance trade networks and cultural exchange between distant regions.

- [Liquids in a glass recover a graceful shape even after being shaken](#)

A team of scientists has discovered that liquids in a glass can recover their graceful shape even after being shaken. The liquid is composed of oil and water with magnetic nickel particles. The particles align themselves to create a shape that resembles a Grecian urn, regardless of the orientation of the glass.

- [NIH cuts triggered a host of lawsuits: *Nature's* guide to what's next](#)

Sure, here is a summary of the news article: A recent article published in *Nature* reveals that numerous lawsuits have been filed in response to the Trump administration's termination of various grants. These lawsuits aim to overturn the terminations and seek compensation for the lost funding.

- [Physicists narrow down neutrino's mysterious mass](#)

Physicists Narrow Down Neutrino's Mysterious Mass A new experiment has shed light on the mysterious mass of neutrinos, the hypothetical particles that are believed to play a crucial role in the universe's energy production. A team of scientists from the University of Oxford has reported that neutrinos are at least one million times lighter than electrons. This finding challenges previous estimates of neutrino mass and opens up new avenues for research in particle physics.