
Department of Data Science

Europe's JUICE probe set for close encounter with Earth before journey to Jupiter



European Space Agency's Jupiter Icy Moons Explorer (JUICE) is gearing up for a pivotal maneuver in its mission to the gas giant.

Scheduled to fly past Earth on August 20, 2024, the spacecraft will come within 4,200 miles (6,800 kilometers) of our planet, providing a rare opportunity to catch a fleeting glimpse of it.

Launched in April 2023, JUICE is Europe's first mission to Jupiter, tasked with studying the planet and its largest moons: Ganymede, Callisto, and Europa.

These moons are believed to have subsurface oceans beneath their icy crusts, making them key targets in the quest to understand more about potential extraterrestrial life.

Source <https://indianexpress.com/article/technology/science/europe-juice-probe-set-close-encounter-earth-before-jupiter-9481517/>

Apple's artificial intelligence features to be delayed, says report



Apple's upcoming artificial intelligence features will arrive later than anticipated and will miss the initial launch of upcoming iPhone and iPad software overhauls, Bloomberg News reported on Sunday.

The iPhone maker is planning to begin rolling out [Apple Intelligence](#) to customers as part of software updates coming by October, the report added, citing people familiar with the matter. AI features will arrive a few weeks after the initial [iOS 18](#) and iPadOS 18 releases planned for September, Bloomberg said.

Apple is planning to make Apple Intelligence available to software developers for the first time for early testing as soon as this week via iOS 18.1 and iPadOS 18.1 betas, the report added

Apple did not immediately respond to a request for comment outside regular business hours.

Spyware maker's data leak reveals malware used to infect Windows, Mac, Android and Chromebook: Report



A data leak from a little-known spyware maker based in Minnesota, U.S.A, revealed details of malware that was used for stealthy remote surveillance.

The data leak from Spytech contained detailed device activity logs from the phones, tablets, and computers that Spytech monitors, with some of the files dated as recently as early June, a report from TechCrunch said. The data shows the company's Relatime-Spy and SpyAgent among other malware were used to compromise more than 10,000 devices since the earlier dated leaked records from 2013. Compromised

devices included Android devices, Chromebooks, Macs, and Windows PCs worldwide.

Spytech makes remote access apps are often referred to as “stalkerware” and are marketed as a means for parents to monitor their children’s activities. Malware is also marketed as a tool for spying on spouses and domestic partners.

Source <https://www.thehindu.com/sci-tech/technology/internet/spyware-makers-data-leak-reveals-malware-used-to-infect-windows-mac-android-and-chromebook-report/article68452983.ece>

CrowdStrike users facing phishing attacks to plant malware: CERT-In



The Indian cyber security agency CERT-In has said users impacted by the recent global computer outage are being targeted with phishing attacks. Fraudsters impersonating CrowdStrike support staff are offering to help them with system recovery tools and using the opportunity to install malware. According to [a CERT-In advisory](#) issued on Saturday, these attacks could “entice an unsuspecting user to install unidentified malware, which could lead to data leakage and crashes.” The world suffered [a major computer system outage](#) on July 19 due to a faulty update to the CrowdStrike Falcon Sensor software, leading to a crash of the Microsoft Windows operating system. **Source** <https://www.thehindu.com/sci-tech/technology/crowdstrike-users-facing-phishing-attacks-to-plant-malware-cert-in/article68457313.ece>

JPMorgan launches in-house chatbot as AI-based research analyst: Report



JPMorgan Chase has begun rolling out a generative artificial intelligence (AI) product that can do the work of a research analyst

out a generative artificial intelligence (AI) product. | Photo Credit: Reuters
JPMorgan Chase has begun rolling out a [generative artificial intelligence \(AI\) product](#), telling employees that its own version of OpenAI's ChatGPT can do the work of a research analyst, the Financial Times reported on Friday. The lender, the biggest in the United States, has given employees of its asset and wealth management division access to a large language model called LLM Suite, that helps them with writing, idea generation and summarising documents, thereport said, citing an internal memo seen by FT.

Source <https://www.thehindu.com/sci-tech/technology/jpmorgan-launches-in-house-chatbot-as-ai-based-research-analyst/article68449846.ece>

