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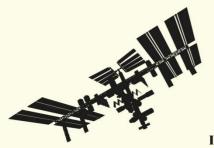
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NASA celebrates historic month

On 19 October, NASA astronauts Christina Koch and Jessica Meir made history by completing the first all-female spacewalk. Meanwhile, on Earth, NASA engineers unveiled their latest prototype for the spacesuit that will be worn by the first woman to walk on the Moon

- 1. Kristine Davis, a spacesuit engineer at NASA's Johnson Space Center, shows off a prototype of the snappilynamed Exploration Extravehicular Mobility Unit (xEMU) at the NASA headquarters in Washington. The xEMU suit will be worn by the first woman and next man to walk on the Moon as part of the Artemis programme, which is scheduled for 2024. Compared to previous suits, the xEMU is more flexible, allowing greater movement.
- 2. Jessica Meir (left) and Christina Koch (right) inside the Quest airlock preparing for their first spacewalk together, and the first all-female spacewalk. They are holding the pistol grip tools they will use to swap out a failed power controller

- unit. The unit regulates the charge to the batteries that collect solar power and distribute it to the International Space Station's systems. The duo spent a total of seven hours and 17 minutes carrying out the repair work.
- **3.** This shot shows Meir readying herself to exit the Quest airlock and venture out into space. This spacewalk was Meir's first and Koch's fourth.
- **4.** Meir appears relaxed as she waves and smiles at the camera while carrying out the repairs.
- **5.** Koch took a space selfie showing the Earth behind her as she ventured out of the ISS to replace the failed power unit.





NASA X4, NASA/JOEL KOWSKY









