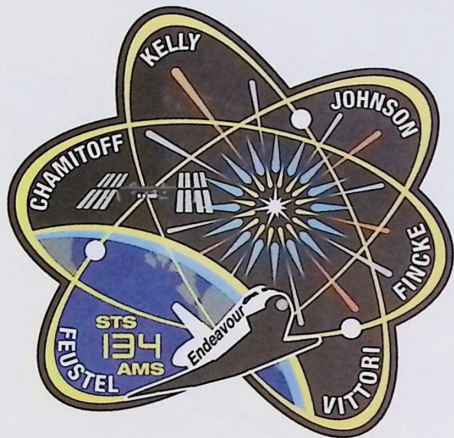




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SPACE SHUTTLE (STS-134 / ENDEAVOUR)

The final space voyage of Space Shuttle Endeavour, flown 24 times before, with a crew of six astronauts on Mission STS-134 will be the 36th shuttle mission to the International Space Station (ISS). Endeavour's 14-day mission will deliver the Alpha Magnetic Spectrometer-2 (AMS) to the space station. The AMS, a cosmic particle detector experiment that utilizes the first ever superconducting magnet to be flown in space, will help scientists better understand the evolution and properties of our universe. Endeavour will also carry to the orbital station the Express Logistics Carrier-3 (ELC), a platform that carries spare parts that will sustain ISS operations once the shuttle fleet is retired from service. The mission will feature four spacewalks, the last scheduled spacewalks by shuttle crew members, to do maintenance work and install new components.

THE STS-134 CREW — Veteran shuttle astronaut **Mark E. Kelly** will command the Endeavour crew of STS-134. He has logged over 38 days in space during three shuttle flights since becoming an astronaut in 1996. Endeavour's pilot **Gregory H. Johnson**, chosen for the astronaut program in 1998, spent more than 15 days in space during a shuttle Endeavour trip in 2008. The STS-134 Mission Specialists are: Veteran astronauts **Roberto Vittori** and mission spacwalkers **Edward "Mike" Fincke**, **Andrew "Drew" J. Feustel**, and **Gregory E. Chamitoff**. While STS-134 will be Fincke's third spaceflight, it will be his first shuttle trip. He has logged nearly 366 days in space and 26 hours spacewalk time while aboard the ISS since his selection to the astronaut corps in 1996. Vittori, a two-time spaceflight participant to the ISS, was selected as an astronaut by the Italian Space Agency in 1998 and soon joined the European astronaut corps. Feustel, the lead spacwalker for STS-134, was chosen as an astronaut in 2000. He spent nearly 14 days in space along with three spacewalks during a shuttle flight in 2009. Chamitoff, chosen in the astronaut class of 1998, has logged 183 days in space aboard the ISS and STS-134 will be his second space trip.

THE STS-134 CREW INSIGNIA — The design of the STS-134 crew patch highlights research on the ISS focusing on the fundamental physics of the universe. The shape of the emblem is inspired by the international atomic symbol, and represents the atom with orbiting electrons around the nucleus. The burst near the center refers to the big-bang theory and the origin of our universe. The Space Shuttle Endeavour and ISS fly together into the sunrise over the limb of the Earth, representing the dawn of a new age, understanding the nature of the universe.