



SSEP Mission 20 to ISS Profile

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Payload and Flight Ops:

Number of SSEP experiments: 4 experiments

SSEP Payload Designation: *Atlantis* (SSEP22)

Flight: SpaceX CRS-35, Space Launch Complex 40, Cape Canaveral Space Force Station, Florida

Mission 20 Community Engagement:

Number of communities engaged: 4

Number of students engaged in microgravity experiment design: 158 (grades 13-16)

Number of flight experiment proposals submitted by student teams: 41

Number of finalist proposals submitted to Step 2 Review: 12

Number of experiments selected for flight (one for 4 communities): 4

Flight Experiment Student Researchers:

14 (8 Principal Investigators & Co-Principal Investigators; 2 Investigators; 4 Collaborators)

The Student Spaceflight Experiments Program [or SSEP] is a program of the National Center for Earth and Space Science Education (NCESSE) in the U.S. and the Arthur C. Clarke Institute for Space Education internationally. It is enabled through a strategic partnership with Nanoracks LLC, which is working with NASA under a Space Act Agreement as part of the utilization of the International Space Station as a National Laboratory. SSEP is the first pre-college STEM education program that is both a U.S. national initiative and implemented as an on-orbit commercial space venture.

The Center for the Advancement of Science in Space (CASIS) is a U.S. National Partner on the Student Spaceflight Experiments Program.