



SSEP Mission 17 to ISS Profile

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Payload and Flight Ops:

Number of SSEP experiments: 38 experiments flying on SpaceX-29; 1 experiment flying on later flight

SSEP Payload Designation: *Orbiter* (SSEP19)

Flight: SpaceX CRS-29, Launch Complex 39A, Kennedy Space Center, Florida

Mission 17 Community Engagement:

Number of communities engaged: 37

Number of students engaged in microgravity experiment design: 12,800 (grades 5-16)

Number of flight experiment proposals submitted by student teams: 2,261

Number of finalist proposals submitted to Step 2 Review conducted via Zoom: 112

Number of experiments selected for flight (one for 35 communities and two for 2 communities): 39

Flight Experiment Student Researchers: 141 (97 PIs & Co-PIs; 34 Investigators & Co-Is; 10 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 Smithsonian National Air and Space Museum and the Center for the Advancement of Science in Space (CASIS) are U.S. National Partners on the Student Spaceflight Experiments Program.