2018

December

TRICE-2
MISSION: Twin Rockets to Investigate Cusp Electrodynamics-2
LAUNCH VEHICLES: Black Brant XII • 2 Rockets
LAUNCH SITE: Andøya, Norway
PRINCIPAL INVESTIGATOR: Craig Kletzing, University of Iowa, USA

VISIONS-2
MISSION: VISualizing Ion Outflow via Neutral atom Sensing-2
LAUNCH VEHICLES: Black Brant XI • 2 Rockets
LAUNCH SITE: Ny-Ålesund, Svalbard
PRINCIPAL INVESTIGATOR: Yoshihumi Saito, Japan Aerospace Exploration Agency

2019

January

SS-520-3
MISSION: Ion Outflow in the Cusp
LAUNCH VEHICLE: SS-520-3
LAUNCH SITE: Ny-Ålesund, Svalbard

CAPER-2
MISSION: Cusp Alfvén and Plasma Electrodynamics Rocket-2
LAUNCH VEHICLE: Black Brant XII
LAUNCH SITE: Andøya, Norway
PRINCIPAL INVESTIGATOR: James LaBelle, Dartmouth College, USA

G-CHASER
MISSION: University Student Experiments
LAUNCH VEHICLE: Terrier-Improved Malemute
LAUNCH SITE: Andøya, Norway
PRINCIPAL INVESTIGATOR: Chris Koehler, Colorado Space Grant Consortium

November/December

CHI
MISSION: Cusp Heating Investigation
LAUNCH VEHICLE: Black Brant IX
LAUNCH SITE: Ny-Ålesund, Svalbard
PRINCIPAL INVESTIGATOR: Miguel Larsen, Clemson University, USA

C-REX 2
MISSION: Cusp-Region Experiment
LAUNCH VEHICLE: Black Brant XII
LAUNCH SITE: Andøya, Norway
PRINCIPAL INVESTIGATOR: Mark Combe, University of Alaska Fairbanks, USA

ICI-5
MISSION: 3D in situ Observations of Ionospheric Irregularities in the Cusp
LAUNCH VEHICLE: VS-30 - Improved Orion
LAUNCH SITE: Ny-Ålesund, Svalbard
PRINCIPAL INVESTIGATOR: Jaran Moen, University of Oslo, Norway

For more information, please visit: http://www.grandchallenge.no