



	Material Technology Cathodes, Gimbals	Commercial Propulsion Needs	Hall Thrusters 1	Hall Thrusters 2
	HS6	SR4	SR6	SR2
17.00	×	×	A209 Hall Thruster Erosion Measurement by Time-Resolved Cavity-Ring Down Spectroscopy <i>Y. Egawa</i>	A354 Neutral gas instabilities in Hall thrusters, Part II: Theory <i>E. Dale</i>
17.15	×	×	A332 Numerical simulation and experimental research on low power Hall thruster with long life <i>Y. Ding</i>	A632 Influence of double-stage operation on breathing oscillations and rotating spokes in the ID-HALL thruster <i>A. Guglielmi</i>
17.30	×	×	A749 Prediction of liner erosion and life estimation of Stationary Plasma Thrusters using Machine Learning <i>A. Mishra</i>	A433 Use of electrostatic probes for characterization of the electron cross-field current in ExB plasmas <i>Y. Raitses</i>
17.45	×	×	×	A323 Experimental study on the effect of propellant asymmetrical distribution on plasma potential distribution in a Hall effect thruster <i>M. Ding</i>
18.00	×	×	×	×
18.15	Session End			

Ion Thrusters	MPD Thrusters	Innovative / Advanced Propulsion Concepts	Thruster Concepts
HS5	SR3	HS3	HS2
A808 The RIT 2X High Performance Ion Thruster System Qualification Program <i>M. Berger</i>	×	A886 Development Roadmap of SITAEI's RAM-EP System <i>T. Andreussi</i>	A365 RF Power - Plasma Coupling Experimental Results in a Helicon Plasma Thruster Prototype <i>V. Gómez</i>
A842 Charge State Thrust Correction Factor for NEXT: DART Mission <i>M. Crofton</i>	×	A293 Back-vacuum Retarding Potential Analyzer for Investigation of IEC plasma properties <i>Y.-A. Chan</i>	A940 A thruster using magnetic reconnection to create a high-speed plasma jet <i>S. Bathgate</i>
A844 Deposition Rate Measurements in NEXT Ion Engine Plume for DART Mission <i>J. Young</i>	×	A434 Beam Plasma Expansion of a Helicon Plasma Source <i>Z. Zhang</i>	×
A853 NEXT Single String Integration Tests In Support of the Double Asteroid Redirection Test Mission <i>R. Thomas</i>	×	A448 Modeling and Optical Diagnostics of Iodine Fed Helicon Type Thrusters by a Detailed Global Model (DGM) <i>K. Katsonis</i>	×
A859 Experimental Characterization of the Microwave-Discharge Water Ion Thruster for CubeSats <i>Y. Nakagawa</i>	×	A682 A Detailed Global Model for Modeling and Optical Diagnostics of Low Power Propulsion Devices Fed by CO2 <i>C. Berenguer</i>	×