	Material Technology Cathodes, Gimbals	Field Emission / Colloid Thrusters	Hall Thrusters 1	Hall Thrusters 2	Ion Thrusters
	HS6	SR5	SR6	SR2	HS5
16.30	**A890** Characterization of a Fixed-Volume Release System for Initiating an Arc Discharge in a Heaterless Hollow Cathode *R. Ham*	**A522** Performance of a Fully Conventionally Machined Liquid-Ion Electrospray Thruster Operated in PIR *M. Natisin*	**A241** PPS®X00 Hall Thruster Development Status at Safran *J. Vaudolon*	**A342** Parametric study of 1,5- and 2.5-kW Hall Thrusters with an external discharge zone *A. Lovtsov*	**A529** Study of Ion Thruster Backflow Characteristcs with Neutralization Using Kinetic PIC-DSMC *D. Levin*
16.45	**A422** The development of the Integrated Thruster Unit ITU100 and ITU140 *A. Zarakovskiy*	**A787** Reconstructing Electrospray Plume Current Spatial Distributions using Computed Tomography *D. Courtney*	**A655** SITAEL HT100 Thruster, Full Ground Qualification *T. Misuri*	**A392** Laboratory tests of 10.5kW Hall thruster with external layer *A. Shashkov*	**A804** Theoretical and Experimental assessment of Ion Extraction phenomena *M. Mallon*
17.00	**A289** Development and Qualification of an Electric Propulsion Thruster Orientation Mechanism for the Electra GEO satellite *V. Garcia*	**A794** Investigation of Electrospray Plume Composition during Voltage Transients *E. Petro*	**A825** Development status of SITAEL's 20kW class Hall thruster *T. Andreussi*	**A740** Performance of the Aurora Low-Power Hall Effect Thruster *J. Sommerville*	**A612** Elegant Approach for solving the Conservation Laws in Global Modelling of Radio-Frequency Ion Thrusters *A. Reeh*
17.15	**A840** Research and development of radio-frequency cathode-neutralizer *P. Smirnov*	**A590** Interaction of Droplets in Electrospray Plumes *M. Davis*	**A885** SITAEL'S HT400 Hall-Effect Thruster for Constellation Applications *T. Misuri*	**A910** Performance, Stability, and Wear Characterization of a Sub-Kilowatt Hall Thruster *H. Kamhawi*	**A699** Three-dimensional simulation of ion thruster plume-spacecraft interaction using EX-PWS *H. Zheng*
17.30	**A477** CNT-based cold electron source for space applications on nano-satellites *P. Laufer*	×	**A193** The 12.5 kW Hall Effect Rocket with Magnetic Shielding (HERMeS) *R. Hofer*	**A216** Performance of a 100-Watt Radial Scaled Thruster with Anode Layer *A. Olano Garcia*	**A491** Studying the formation and neutralization of an ion thruster plume with EP2PLUS *J. Perales-Díaz*
17.45	×	×	**A266** A 30-kW Class Magnetically Shielded Nested Hall Thruster *S. Cusson*	**A410** Mechanism Behind the Dependence of Thrust on Facility Backpressure and Implications on the Operation of the SPT-140 Onboard the Psyche Mission *I. Mikellides*	**A854** Neutral Density Simulation in the Grid Region of Ion Thrusters using the ffx Ion Optics Code *J. Williams*

	Pulsed Plasma Thrusters	Commercial Propulsion Needs	Global Strategic Investments	Innovative Concepts
	SR4	HS2	SR3	HS3
16.30	**A662** Experimental Analysis of Cusped Magnetic Field Focusing on Vacuum Arc Thrusters *M. Laterza*	**A784** TIDBIT - Thruster In-Space Diagnostics with Bus Integrated Telemetry *T. Matlock*	×	**A785** Electromagnetic Propulsion Using Non-Ionized Dipole Gases *M. Micci*
16.45	**A798** An investigation of alternative propellants for pulsed plasma thrusters *W. Y. L. Ling*	**A211** Thrusters modelling, propellant choice and plume expansion: openPlumeEP capabilities *B. Zitouni*	×	**A848** Low-Field Mode Transitions in a Spiral-Antenna Helicon Thruster *J. Little*
17.00	**A554** Ignition Capability of Pulsed Plasma Thruster with Green Liquid Propellant *J. Aoyagi*	**A123** Cryopumping Challenges of EP-Propellants in DLR's Electric Propulsion Test Facility *A. Neumanni*	×	**A852** Laboratory demonstration of a bidirectional helicon plasma thruster for space debris removal *K. Takahashi*
17.15	**A898** Micro-Cathode Matrix Arc Thrusters- A Modified Approach to Micro-Cathode Arc Thrusters *K. Daniels*	**A796** Development of Propulsion Testing and Integration Facilities at Canon Electronics *W. Hatakeyama*	×	**A933** Lodine as propellant for electric propulsion: optical measurements of I density and temperature, comparisons to a global model *F. Marmuse*
17.30	**A321** Experimental Study on Ignition Reliability of Pulsed Plasma Thrusters *X. Liu*	**A656** Inter-Laboratory Comparison: Tests of a single thruster in two different facilities, on two different thrust balances *F. G. Hey*	×	×
17.45	**A536** The study on the lifetime of the micro cathode arc thruster *J. Geng*	**A653** University of Michigan's Upgraded Large Vacuum Test Facility *E. Viges*	×	×