## IEPC<sup>19</sup> Programme

	Hall Thrusters 1	Propellant Storage / Feed Systems	Mission
	HS6	SR5	HS2
	1 <sup>st</sup> Chair T. Andreussi 2 <sup>nd</sup> Chair Ya. Hu	1 <sup>st</sup> Chair P. Barbier 2 <sup>nd</sup> Chair H. Liu	1 <sup>st</sup> Chair D. Oh 2 <sup>nd</sup> Chair N. Wallace
00:60	A665 Plasma fluctuations measurements in a Hall Thruster N. Yamamoto	A601 Innovative Xenon/Krypton FMS (Feed Man- agement System) for Electric Propulsion <i>P. Barbier</i>	A192 Development of the Psyche Mission for NASA's Discovery Program D. Oh
09.15	A687 Axial-azimuthal high-frequency instability modes in a Hall thruster fluid model <i>E. Bello-Benítez</i>	A400 Development of Porous-Metal-Restrictor Based Xenon Flow Control Modules G. Hang	A244 Electric Propulsion for the Psyche Mission S. Snyder
09.30	A454 Effect of magnetic field configuration on discharge characteristics in permanent magnet thrusters with cusped field S. Liang	×	A654 Sitael HT100 Missions: uHETSAt and PLATiNO T. Misuri
09.45	A593 Simulation of radial electron dynamics in a Hall effect thruster A. Domínguez-Vazquez	×	A138 Status Update on the Electric Propulsion Subsystem of TURKSAT6A Communication Satellite B. C. Aydin
10.00	A479 Predicting secondary electron emission rate in Hall Effect Thrusters A. Tavant	×	A927 Mars Sample Return - Earth Return Orbiter: ESAs next Interplanetary Electric Propulsion Mission Concept O. Sutherland
10.15	A514 Enhancing thrust by ion-neutral collisions and by oscillating EM fields A. Fruchtman	×	A411 Electric Propulsion Characterisation for a Stand-Alone Mars CubeSat K. V. Mani
10.30	A523 Effects of large scale structures on anoma- lous transport in PIC simulations of Electron Cyclotron Drift Instability in Hall thrusters A. Smolyakov	×	×
10.45	A543 Towards Predictive Kinetic Simulations of Plasma Thrusters I. Kaganovich	×	×

Diagnostic	Hall Thrusters 2
HS3	HS5
1 <sup>st</sup> Chair T. Trottenberg	1 <sup>st</sup> Chair T. Lafleur
2 <sup>nd</sup> Chair J. Laube	2 <sup>nd</sup> Chair L. Garrigues
A374 Three-dimensional Vector Measurement of EP Propellant Flow within a Vacuum Chamber Y. Nakayama	A545 Fluid modeling of gradien and transport in ExB plase A. Smolyakov
A517	A691
In-situ microscopy of ion-induced erosion of	New insights into electron
plasma-facing surfaces	azimuthal drift in a Hall ef
A. Ottaviano	K. Hara
A258	A569
Thrust measurements using plasma pressure	Assessment of the therm
measurements in the plume: a feasibility	fluid approximations for e
study	thruster plumes
<i>PQ. Elias</i>	Yu. Hu
A887	A304
Recent Advances in Plasma Diagnostics at	Characteristic Transient F
IRS	Effect Thrusters
<i>G. Herdrich</i>	A. Komarov
A345	A758
Development of a Flight Electric Propulsion	Plasma instabilities in cro
Diagnostic Package (EPDP) for EP Satellite	tion: an analysis of the rei
Platforms	modes for electron transp
<i>T. Trottenberg</i>	S. Tsikata
A115 Use of Real-Time Spectrum Analysis for EMI Characterization of a SAFRAN Hall Thruster W. Tighe	A843 Experimental Correlation Anomalous Electron Collis Plasma Turbulence in a H Z. Brown
×	×

×	×

11.00

## Friday 20

nt-drift turbulence smas

on transport due to effect thruster

nodynamic and electrons in plasma

Phenomena of Hall

oss-field configuraelevance of different port

between ision Frequency and Iall Effect Thruster



Friday