

SPACECRAFT

SPACE TRANSPORTATION

GENERAL INTEREST

**Wednesday 16th May 2018**
**ROOM**
**PLENARY SESSION – SEVILLA**
**08:30**
**KEYNOTE SPEECH 3: INITIATIVE IN VERY HIGH POWER ELECTRIC PROPULSION WITH SOLAR AND NUCLEAR SOURCES**  
 Alexander SEMENKIN, Deputy General Director, Keldysh Research Center

Session 33 - SC - Programmes

Session 34 - ST - Components: Tanks and lines

Session 35 - ST - Solid Rocket Motors Modelling &amp; Test

Session 36 - SC - Components: Propellant Management (1)

Session 37 - SC-CP - Components: Bipropellant Thrusters

Session 38 - SC-EP - Plasma Thrusters (1)

Session 39 - SC-EP - Modelling (3)

Session 40 - SC - Microthruster Propulsion Systems

**ROOM**
**GIRALDA**
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**TRIANA 2**
**ESPAÑA 1**
**ESPAÑA 2**
**ESPAÑA 3**
**ESPAÑA 4**
**ESPAÑA 5**

Chairpersons	J. Gonzalez Del Amo, ESA N. Viola, Politecnico di Torino, IT	D. Goto, JAXA, JP W. L. Johnson, NASA Glenn, US	E. Cavallini, ASI, IT R. Devillers, ONERA, FR	J. Bejhed, GomSpace, SE J. Kuiper, Bradford, NL	G. Fujii, JAXA, JP	M. Andrenucci, SITAEL G. Popov, RIAME MAI, RU	D. Packan, ONERA, FR M. Coletti, Thales Alenia Space, UK	C. Collingwood, ESA S. Corpino, Politecnico di Torino, IT
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Session 43 - ST - Modelling:  
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Session 47 - SC-EP - HET (1)

Session 48 - GEN - Manufacturing and  
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ROOM

GIRALDA

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TRIANA 2

ESPAÑA 1

ESPAÑA 2

ESPAÑA 3

ESPAÑA 4

ESPAÑA 5

Chairpersons

**Z. Yao, China Academy of Space  
Technology, CN**  
**D. Perigo, ESA**
**M. Onofri, Sapienza University, IT**  
**R. Schwane, ESA**
**L. Prevost, CNES, FR**  
**N. Ierardo, ESA**
**J. Bejhed, GomSpace, SE**  
**D. Feili, ESA**
**F. Valencia Bel, ESA**
**J. Schein, Universität der  
Bundeswehr, DE**  
**M. Andreucci, SITAEL, IT**
**J. Polk, NASA JPL, US**  
**N. Kutufa, ESA**
**M. Smith, ESA**

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**Y. Cong, Dalian Institute of Chemical  
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CN**

LUNCH

ROOM

PLENARY SESSION – SEVILLA

14:30

**PLENARY ROUND TABLE 2: EUROPEAN MICRO-LAUNCHER AND SPACE PORT PROJECTS**
**Moderators: Jérôme BRETEAU, ESA - Ulf PALMNÄS, PALMNÄS & Co.**
**Hélène HUBY, Partner, Global Space Ventures (video)**
**Eleazar GONZALES CASAS, CTO, PLD Space**
**Mario KOBALD, Hyimpuls**
**Luis SANTOS AZORES, Space Port**
**Marina PETROZZI, Director of Engineering, Andøya Space Center**
**Philip PÅHLSSON, Project Manager New Esrange, SSC**

16:00

COFFEE BREAK

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Wednesday 16th May 2018									
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Chairpersons	T. Liénart, CNES, FR G. Schmidt, NASA Glenn, US	M. Valès, Dassault, FR T. Kachler, ESA	M. Pizzarelli, ASI, IT B. Cingal, ArianeGroup, FR	J. Deeken, DLR, DE	S. Hyde, ESA	I. Kronhaus, Technion, IL	L. Grimaud, CNRS, FR J. Jackson, Aerojet, US	T. Pardal, Omnidea, PT	
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18:00	448 Developed and perspective stationary plasma thrusters by EDB Fakel O. Mitrofanova, EDB Fakel, RU								
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