

**When submitting, please indicate the name of the Workshop in the field
“Additional comments”**

EUCASS 2019 Workshop
on
Plasma Propulsion for Space Missions

Technical committee (tentative, to be completed)

Stéphane Mazouffre, Chair, CNRS/ICARE, Orléans, France

Stéphane Oriol CNES/DLA, France

Denis Packan, Onera, France

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Call for papers

The design, development qualification of electric thrusters for satellites and space probes propulsion remain challenging as new and demanding applications appear. Although a high efficiency is still required, novel objectives and utilizations push the limit in terms of thruster lifetime, specific impulse, sizes, power, propellant options and spacecraft-beam interaction. The field of electric propulsion therefore becomes multidisciplinary with competencies needed not only in plasma physics but also in material science, electronics, engineering and management.

The workshop will place emphasis on fundamental aspects, technological developments and new opportunities offered by emerging technologies.

The workshop will cover four major topics:

- 1 - Thruster physics and modelling
- 2 - Thruster design and performance
- 3 - Interaction with electrodes, walls and satellite elements
- 4 - Diagnostic techniques

For further details about the conference and abstract submission, please visit the [website](#).