

# ExB Plasma Workshop 2022

<b>Workshop dates:</b>	February 16-18, 2022
<b>Venue</b>	Online at Universidad Carlos III de Madrid
<b>Registration</b>	<a href="https://forms.gle/5zdaj6cod6okw4jQ8">Please fill in this form</a> (https://forms.gle/5zdaj6cod6okw4jQ8)
<b>Contact:</b>	<a href="mailto:mario.merino@uc3m.es">mario.merino@uc3m.es</a> , <a href="mailto:ep2@uc3m.es">ep2@uc3m.es</a>

*The workshop is dedicated to the physics of ExB plasmas, mainly applied to space propulsion. It is structured in ca. 90-105 min topical sessions as detailed in the agenda below, led by 2-3 chairmen each, who will be accompanied by a panel of 2-5 experts with recent contributions to the session subject.*

*Chairmen will organize the sessions after selecting and discussing with the panel, and gather the contributions of the panel members for a single opening 45 min presentation. The rest of the session will be dedicated to discussion of the panel with the community.*

*The Workshop is online (it will take place through Zoom platform) and is free of cost. Please register as soon as possible using the link above to confirm your attendance and to facilitate the internal organization of the workshop.*

*We are looking forward to hosting this event and meeting with you. Do not hesitate to let us know of any comments or suggestions to improve the workshop. With best regards,*

*The EP2 research team*

*Universidad Carlos III de Madrid*

# Workshop Agenda:

*All times are given in Madrid time. (Preliminary schedule; subject to change).*

## Wednesday February 16, 2022

*15:30 - 16:00: Workshop opening*

**16:00 - 17:45: Session 1: High-frequency oscillations and turbulence experiments**

**Chairmen: S. Tsikata, B. Jorns.**

**Panelists: TBD**

*17:45 - 18:15: break*

**18:15 - 20:00: Session 2: Low-frequency oscillations and turbulence experiments**

**Chairmen: Y. Raitses, I. Kaganovic**

**Panelists: TBD**

## Thursday February 17, 2022

**16:00 - 17:45: Session 3: High performance simulation of plasma transport and validation**

**Chairmen: L. Garrigues, F. Taccogna.**

**Panelists: TBD**

*17:45 - 18:15: break*

**18:15 - 20:00: Session 4: Low-dimensionality modeling of plasma transport**

**Chairmen: A. Smolyakov, A. Bourdon**

**Panelists: TBD**

## Friday February 18, 2022

**16:00 - 17:45: Session 5: Plasma-wall interaction**

**Chairmen: M. Keidar, E. Ahedo**

**Panelists: TBD**

*17:45 - 18:15: break*

**18:15 - 19:45: Session 6: Plasma plumes and magnetic nozzles**

**Chairmen: J. Little, M. Merino.**

**Panelists: TBD**

*19:45 - 20:00: Workshop closure and wrap-up*