

ExB Plasma Workshop 2022

Workshop dates:	February 16-18, 2022
Venue	Online at Universidad Carlos III de Madrid
Registration	Please fill in this form (https://forms.gle/5zdaj6cod6okw4jQ8)
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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, plus one “poster” mini-session of 1h for young researchers.

The Workshop is online through Zoom platform and free of cost to all attendees. 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.

Wednesday February 16, 2022

15:30 - 16:00: Workshop opening

16:00 - 17:45: Session 1: High-frequency, small scale oscillations and turbulence

Chairmen: S. Tsikata, B. Jorns

17:45 - 18:15: break

18:15 - 20:00: Session 2: Low-frequency oscillations and structures

Chairmen: Y. Raitses, I. Kaganovich

Thursday February 17, 2022

15:00 - 16:00: Young researcher “poster” mini-session

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

Chairmen: L. Garrigues, F. Taccogna

17:45 - 18:15: break

18:15 - 20:00: Session 4: Theory, Reduced Modeling and EP needs

Chairmen: A. Smolyakov, A. Bourdon

Friday February 18, 2022

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

Chairmen: M. Keidar, E. Ahedo

17:45 - 18:15: break

18:15 - 19:45: Session 6: Magnetic nozzles and plasma plumes

Chairmen: J. Little, M. Merino

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