



First European Electric Propulsion Summer School

ESA, ESTEC, Noordwijk, The Netherlands
10 – 12 October, 2023
Tennis Hall

Preliminary program

Day 1

Introduction	J. Del Amo, T. Trottenberg, S. Mazouffre
Fundamentals of EP	S. Mazouffre
Hall thrusters	L. Garrigues
Gridded ion engines	N. Wallace
----- Lunch	
HEMPT	D. Feili,
FEEP and Electro spray thrusters	D. Krejci
PPT, Arcjets, MPD	G. Herdrich

Day 2

Diagnostics 1: Laser

S. Mazouffre

Diagnostics 2: Probes

T. Trottenberg, K. Dannenmayer

Diagnostics 3: Thrust balance

E. Bosch Borrás

----- *Lunch*

Numerical simulations: Fluid models

E. Ahedo

Numerical simulations: PIC models

L. Garrigues

Facilities, testing, dev. and qualification

E. Bosch Borrás, K. Dannenmayer

Day 3

Bepi Colombo

N. Wallace

EP in Europe

D. Di Cara

----- *Lunch*

ESA-ESTEC labs visit

EP school closure