

Session Program

5-7 Oct 2026

Thermodynamics of Plasmas workshop

Instabilities and confinement

EPFL, Bernoulli center

GA 3 34 (Building GA) Station 5 CH-1015 Ecublens Switzerland Coordinates on Google Maps: <https://maps.app.goo.gl/TSx44GXiANdZa9KB9>

Monday 5 October

14:00

Instabilities and confinement: Instabilities and confinement

Session |

Location: EPFL, Bernoulli center, GA 3 34 (Building GA) Station 5 CH-1015 Ecublens Switzerland Coordinates on Google Maps: <https://www.google.com/maps/@46.544638,6.630146,15z> |

14:00–14:40

Available Energy and Ground States of Convective Hydrodynamic and Hydromagnetic Instabilities

Speaker

Kaixuan Fan

14:40–15:20

Thermodynamic bounds on linear gyrokinetic microinstabilities

Speaker

Paul Costello

15:20–15:50

Coffee break

15:50–16:30

Constrained Nonequilibrium Dynamics and the Formation of Transport Barriers in Magnetized Plasmas

Speaker

DR Hatch

16:30–17:10

Impact of Magnetic Configuration on Energy Confinement and Available Energy in Fusion Device

Speaker

Daishi Toriyama

17:10