

Session Program

28 September 2026 to 2 October 2026

19th Technical Meeting on Energetic Particles in Magnetic Confinement Systems

Synergy EP and turbulence

Lausanne, Switzerland, Beaulieu Congress and Exhibition Center
Local website: <https://tmep26.epfl.ch/>

Monday 28 September

11:00

Synergy EP and turbulence

Session |**Location:** Lausanne, Switzerland, Beaulieu Congress and Exhibition Center, Local website: <https://tmep26.epfl.ch/>

11:00–11:35

Theory of Zonal Fields Beat Driven by Alfvén Eigenmodes in Tokamak Plasmas

Speaker

Prof. LIU CHEN

11:35–12:00

On the Beat Driven Nonlinear Excitation of Zero Frequency Zonal Fields by Alfvén Eigenmodes

Speaker

Riccardo Stucchi

12:00–12:25

First Experimental Studies of Energetic Particle-Turbulence Dynamics in Spherical Tokamak Plasmas

Speaker

Phillip Bonfigliolo

12:25–12:45

Fine Structure of Sheared Flow Driven by Fishbone Instability in Tokamak Plasma

Speaker

Yuehao Ma

12:50

Thursday 1 October

09:00

Synergy EP and turbulence

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09:00–09:35

Energetic-particle-driven Alfvénic bursts and zonal structures in JET: DBS measurements and gyrokinetic simulations

Speaker

Dr Juan Ruiz ruiz

09:35–10:10

Experimental observation of microturbulence suppression induced by Alfvén Eigenmodes in DIII-D tokamak

Speaker

Xiaodi Du

10:10–10:35

On How Zonal Fields Suppress Reversed Shear Alfvén Eigenmode in Tokamak Plasmas: Simulation and Theory

Speaker

Ruirui Ma

10:35–11:00

Properties of Alfvén eigenmodes during strong turbulence suppression*

Speaker

William Heidbrink

11:00