

Transalpine Workshop on Magnetic Reconnection and Turbulence in Space and Fusion plasmas

Observatoire de la Côte d'Azur, boulevard de l'Observatoire F 06304, Nice

Program

Wednesday 15 May 2024

13h00	Lunch at the canteen Mont-Gros of the Observatoire de la Côte d'Azur
14h30	<u>Dario Borgogno</u> (ISC-CNR Politecnico di Torino) Influence of magnetic instabilities on collisionless plasma turbulence
15h00	<u>Fabien Widmer</u> (National Institutes of Natural Sciences, Tokyo & Max Planck Institut für Plasmaphysik, Garching) Turbulence driven magnetic islands in toroidal geometry
15h30	Coffee break
16h00	<u>Silvio Sergio Cerri</u> (CNRS, Laboratoire Lagrange, Nice) The role of magnetic reconnection in anisotropic plasma turbulence
16h30	<u>Roméo Bigué</u> (Université Aix-Marseille, Laboratoire PIIM, Marseille) Interaction between tearing instability and turbulence in tokamaks
17h00	Discussions

Thursday 16 May 2024

9h30	<u>Alodie Grondin-Exbrayat</u> (Université Aix-Marseille, Laboratoire PIIM, Marseille) Numerical investigation of fast particles instability in tokamak plasmas
10h00	<u>Nicolas Dubuit</u> (Université Aix-Marseille, Laboratoire PIIM, Marseille) Magnetic islands and transport in turbulent magnetized plasmas
10h30	Coffee break
11h00	<u>Camille Granier</u> (Max Planck Institut für Plasmaphysik, Garching) Electron-only reconnection in 3D hybrid-Vlasov turbulence
11h30	<u>Nathan de Oliveira Lopes</u> (Max Planck Institut für Plasmaphysik, Garching) A Hybrid Approach Combining Fully Kinetic Ions and Gyrokinetic Electrons for Modeling Space and Astrophysical Plasmas
12h00	Discussions
13h00	Lunch at the canteen Mont-Gros of the Observatoire de la Côte d'Azur
14h00	Further discussions for those who wish to stay

Talks include 25 minute presentation + 5 minute questions

All talks and discussions will take place in the Lecture Hall NEF of the Observatoire de la Côte d'Azur