

Magnetic Topology Effects on Dissipation in Turbulent Plasma

Monday, 13 November

09.45 – 10.00	Opening and organizational moments (Slavik)
10.00 – 10.15	Introduce participants (All)
	Theory #1. Convener: Åke Nordlund.
10.15 – 10.55	Clare Parnell
10.55 – 11.00	Coffee refill pause
11.00 – 11.40	Ben Williams
11.40 – 12.20	David Pontin
12.20 – 14.00	Lunch (Migros, Zahringerstrasse 43)
	Observations #1. Convener: Yuri Khotyaintsev.
14.00 – 14.20	Elin Eriksson (remotely)
14.20 – 15.00	Huishan Fu
15.00 – 15.40	Shutao Yao
15.40 – 16.00	Coffee refill
16.00 – 17.30	Discussion. How the topological analysis of observations could address (classify) energy conversion in turbulence?
19.00 – 24.00	Ice-breaking dinner (Le Mazot, Baerenplatz 5)

Tuesday, 14 November

	Observations #2. Convener: Huishan Fu.
09.30 – 10.10	Alessandro Retino
10.10 – 10.50	Giulia Cozzani
10.50 – 11.00	Coffee break
11.00 – 11.40	Yuri Khotyaintsev
11.40 – 12.30	Summary of Observations: is there an event we can all analyze together?
12.30 – 14.00	Lunch
	Theory #2. Convener: David Pontin.
14.00 – 14.40	Åke Nordlund

14.40 – 15.20	Vyacheslav Olshevsky
15.20 – 15.30	Coffee break
15.30 – 15.45	Giovanni Lapenta (remotely)
15.45 – 16.00	Francesco Valentini (remotely)
16.00 – 16.15	Sergio Servidio (remotely)
16.15 – 17.30	Summary of Simulations: what diagnostics/techniques could link observations and theory?

Wednesday, 15 November

09.30 – 11.30	What would I do for the project? Convener: Vyacheslav Olshevsky. 10 min presentations of each participant, the schedule to be set on spot.
11.30 – 12.30	Choice of analysis methods, simulation set-ups and observational events to be used in this project.
12.30 – 14.00	Lunch
14.00 – 17.00	In-depth discussions of the selected observed events. Convener: Alessandro Retino. Discussion and selection of the set-up for turbulence challenge (simulations).

Thursday, 16 November

09.30 – 12.30	Working in groups. Implementation of the 'challenge'. Application of analysis techniques to observations and simulations.
12.30 – 14.00	Lunch
14.00 – 17.00	Continuation of group work.
19.00 – 21.00	Fondue dinner (Gourmanderie Moleson?)

Friday, 17 November

09.30 – 12.30	Summary of what's been implemented so far, and what needs to be done further. The exact schedule to be discussed.
12.30 – 14.00	Lunch
14.00 – 17.00	Working in groups / final discussion of the results.