

Preliminary program for October 30 – November 3, 2023

Expecting Meeting Achievements:

- i) selection of the scientific data, events and methods/models for the coordinated analysis;
- ii) determination of the structure and topics of the research papers and a review paper
- iii) assignment of the responsible authors and deadlines. Start writing.

Time	Monday, 30 Oct	Tuesday, 31 Oct	Wednesday, 1 Nov	Thursday, 2 Nov	Friday, 3 Nov
09:00-10:00	Welcome, S. Toledo	R. Wang S. Wang	J. Hwang Discussion/ Working in groups	Discussion/ Working in groups	M. Dunlop Discussion/ Working in groups
10:00-10:30	<i>Coffee break</i>				
10:30-11:30	I. Albert C. Norgren	Discussion on paper(s) to produce	Discussion/ Working in groups	Discussion/ Working in groups	Discussion/ Working in groups
11:30-12:30	<i>Lunch, NSSC canteen</i>				
12:30-14:30	S. Toledo Event Discussions	E. Grigorenko O. Tsareva	Free discussions in groups	Discussion/ Working in groups	Discussion/ Working in groups
14:30-15:00	<i>Coffee break</i>				
15:00-17:30	Presentations/ Discussions	M. Leonenko Discussion/Working in groups	Free discussions in groups	Visit to Beihang University	Free discussions in groups
17:30-18:30	<i>Dinner, NSSC canteen</i>	<i>Welcome reception in Park Plaza Hotel</i>	<i>Dinner, NSSC canteen</i>	<i>Dinner, NSSC canteen</i>	<i>Dinner, NSSC canteen</i>

List of presentations/Data

Sergio Toledo Determining the full wavevector of ion-cyclotron waves

Sergio Toledo MMS catalogue of EDR detections found using Machine Learning

Inma Albert A search of ion-scale reconnecting current sheets in the solar wind

Rongsheng Wang Observation of the electron current sheet in the magnetotail: multiple case study

Shimou Wang Filamentary currents and their role in energy conversion within magnetic flux ropes

Cecilia Norgren Merging of a magnetic island with a dipolarization front (**in-person**)

Elena Grigorenko Electron-scale current structures observed in the Plasma Sheet during high-velocity ion bulk flows

Olga Tsareva *Super-thin current sheets and their tearing instability*

Joo Hwang ‘Substructure of a dipolarization front and associated electron acceleration’

Makar Leonenko *Strong nonideal electric fields and energy conversion in the electron-scale current layers*

Malcolm Dunlop, *Curlometer technique and applications: multi-scale structures of dayside current layer; ring current and field-aligned currents*

