

International Magnetosphere Coupling IV (IMC-IV) Workshop

Monday 3 June 2024

Solar Wind and Magnetosphere - Lecture Hall (10:00 - 11:30)

-Conveners: Tuija Pulkkinen; Daniel Baker

time	[id] title	presenter
10:00	[4] Introduction to mesoscale processes in the magnetotail	BAKER, Dan
10:10	[5] Panelist: Mesoscale magnetosphere-ionosphere structuring	KEPKO, Larry
10:20	[6] Panelist: From Bursty Bulk Flows to Substorm Wedgelets – What ionospheric signatures have told us?	KAURISTIE, Kirsti
10:30	[7] Panelist: Coupling of tail mesoscale structures to auroral region processes	SPANSWICK, Emma
10:40	[8] Panelist: Effect on solar wind fluctuations on magnetospheric response	PULKKINEN, Tuija
10:50	[161] Polar cap dynamics during northward IMF	HILL, Shannon
10:55	[9] Discussion	

Solar Wind and Magnetosphere - Lecture Room 2 (14:30 - 16:00)

-Conveners: Daniel Baker; Tuija Pulkkinen

time	[id] title	presenter
14:30	[27] Introduction to Mesoscale processes at the bow shock, magnetosheath and magnetopause	PULKKINEN, Tuija
14:40	[28] Panelist: Kinetic processes on the dayside of the magnetosphere: recent results from global hybrid-Vlasov simulations with Vlasiator	KEMPF, Yann
14:50	[29] Panelist: MMS Observations of Extended Kelvin-Helmholtz Wave Activity and Associated Magnetic Reconnection Exhausts Near the Dawn Flank of the Magnetotail	LENTZ, Christy
15:00	[30] Panelist: The Occurrence and Prevalence of Magnetic Reconnection in the Kelvin-Helmholtz Instability Under Various Solar Wind Conditions	WILDER, Rick
15:10	[31] From multi-decadal solar wind modelling to real-time forecasting	PINTO, Rui
15:15	[32] Solar wind influences on the occurrence of unusual magnetopause locations: Results from the THEMIS and CLUSTER spacecraft	GRIMMICH, Niklas
15:20	[33] Discussion	

Tuesday 4 June 2024

Solar Wind and Magnetosphere - Lecture Room 2 (16:15 - 17:45)

-Conveners: Daniel Baker; Tuija Pulkkinen

time	[id] title	presenter
16:15	[92] Introduction to solar wind structures and their interaction with the magnetosphere	BAKER, Daniel
16:25	[93] Panelist: Substorm feedback on solar wind - magnetosphere coupling	BRENNER, Austin
16:35	[94] Panelist: Energetic electron/ion distribution of the inner magnetosphere associated with CME/CIR storms	MIYOSHI, Yoshi
16:45	[95] Panelist: Flux-rope CMEs in Sun-to-Earth model chains	POEDTS, Stefaan
16:55	[96] Panelist: Latest results on solar wind forcing of magnetospheric processes	BAKER, Dan
17:05	[97] Forecasting Solar Wind Speed with Solar Images	COLLIN, Daniel
17:10	[289] Discussion	