



# International Magnetosphere Coupling IV (IMC-IV) Workshop

Wednesday 5 June 2024

**Planetary Magnetospheres and Other Bodies - Lecture Room 2 (14:30 - 16:00)**

-Conveners: Drew Turner; Emma Woodfield

time	[id] title	presenter
14:30	[111] MI-Coupling in Jupiter's internally mass-loaded and rotationally driven magnetosphere	SAUR, Joachim
14:40	[236] Discussion	
14:50	[112] Coupling between Martian magnetosphere and ionosphere: a current perspective	GAO, Jiawei
14:55	[235] Discussion	
15:00	[113] TBD	GKIOULIDOU, Matina
15:10	[237] Discussion	
15:20	[114] Long-term Enhancing of Jupiter's Electrostatic Waves Diagnostic of Io's Volcanism	LONG, Minyi
15:25	[234] Discussion	
15:30	[292] Additional discussion time	

# Thursday 6 June 2024

## Planetary Magnetospheres and Other Bodies - Lecture Room 2 (16:15 - 17:45)

-Conveners: Emma Woodfield; Drew Turner

time	[id] title	presenter
16:15	[136] Radiation belt dynamics driven by plasma flows: insights from Jupiter and Saturn	ROUSSOS, Elias
16:25	[220] Discussion	
16:35	[137] Dayside reconnection at Saturn and its influence on mass circulation	SCIOLA, Anthony
16:45	[219] Discussion	
16:55	[138] Injection-driven rotational magnetospheric periodicity revealed at Saturn through combined MHD and test particle simulations.	CAGGIANO, Joe
17:05	[218] Discussion	
17:15	[139] Generation and Impacts of Whistler-mode Waves during Energetic Electron Injections in Jupiter's Outer Radiation Belt	MA, Qianli
17:20	[217] Discussion	
17:25	[299] Additional discussion time	

# Friday 7 June 2024

## Planetary Magnetospheres and Other Bodies - Lecture Hall (10:00 - 11:30)

-Conveners: Drew Turner; Emma Woodfield

time	[id] title	presenter
10:00	[119] Whistler-mode wave emissions from Europa and consequent electron precipitation	HAO, Yixin
10:10	[197] Discussion	
10:20	[116] Plasma wind interaction with astrophysical bodies from 16 Psyche and the Moon to Mercury, Mars, and Saturn	CHEN, Li-Jen
10:25	[196] Discussion	
10:30	[117] Modeling of Saturn's radiation environment using the VERB code	DROZDOV, Alexander
10:40	[199] Discussion	
10:50	[118] A comparison of wave-particle interactions at Saturn, Jupiter and the Earth.	WOODFIELD, Emma
10:55	[195] Discussion	
11:00	[115] A Comparison of Solar Wind-Planetary Interactions Throughout the Heliosphere	DIBRACCIO, Gina
11:10	[198] Discussion	
11:20	[294] Additional discussion time	