



AMPMI 2024

Monday, 15 July 2024

A+M modelling - Hall 1 (11:20 - 12:35)

-Conveners: Rémy Guirlet

time	[id] title	presenter
11:20	[31] Atomic data and collisional-radiative models of tungsten ions for fusion plasma	Prof. MURAKAMI, Izumi
11:45	[56] Recent progress of collisional radiative modelling of H2 with Yacora and steps needed for D2	FANTZ, Ursel
12:10	[46] Configuration-Average Collisional-Radiative calculations, Ionization and Emission of low-density tungsten plasmas in the temperature range [800-5000] eV	PEYRUSSE, Olivier

A+M modelling - Hall 1 (14:05 - 14:30)

-Conveners: Ursel Fantz

time	[id] title	presenter
14:05	[94] R-matrix electron-impact excitation/ionization calculations for near-neutral ion stages of Tungsten	BALLANCE, Connor

# Tuesday, 16 July 2024

**A+M modelling - Hall 1 (09:25 - 10:15)**

-Conveners: Izumi Murakami

time	[id] title	presenter
09:25	[82] SOLPS modelling of the edge plasma	COSTER, David
09:50	[92] The EMC3-EIRENE kinetic trace ion transport module	HARTING, Derek

**A+M modelling - Hall 1 (11:10 - 12:00)**

-Conveners: Sebastijan Brezinsek

time	[id] title	presenter
11:10	[64] Evolution of ADAS	O'MULLANE, Martin
11:35	[36] Collisional processes of B and BH in fusion plasmas	KAWATE, Tomoko

**A+M modelling - Hall 1 (13:30 - 14:40)**

-Conveners: Christian HILL

time	[id] title	presenter
13:30	[29] Atomic collisional data for neutral beams and injected impurities in fusion plasmas	Prof. KADYROV, Alisher
13:55	[87] Hydrogen isotope dependence in dissociative electron attachment	Dr LAPORTA, Vincenzo
14:20	[45] Electron and positron collisions with atoms and molecules	FURSA, Dmitry

# Wednesday, 17 July 2024

**A+M modelling - Hall 1 (12:05 - 12:25)**

-Conveners: Kalle Heinola

time	[id]	title	presenter
12:05	[97]	EIRENE-related CRMs: development outlook	BORODIN, Dmitriy

# Thursday, 18 July 2024

**A+M modelling - Hall 1 (14:50 - 15:15)**

time	[id] title	presenter
14:50	[57] Machine learning applications to line spectra emitted by magnetic fusion plasmas	SAURA, Nathaniel