



# AMPPI 2024

## Tuesday, 16 July 2024

### Poster session (16:10 - 17:40)

[id] title	presenter	board
[26] Abstract for Atomic, Molecular and Plasma-Material Interaction Data for Fusion Science and Technology in Cambodia	Mr SEUN, SOPHAT	
[53] Space-resolved radiation spectrum in the 15-300 Å domain in keV plasmas of the WEST tokamak	GUIRLET, Rémy	
[52] WEST impurity spectra variation through ohmic reference pulses during C9 campaign in the 225-302 Å range	DESGRANGES, Corinne Mr GUIRLET, Rémy	
[37] Molecular dynamics simulations of the defect evolution in tungsten on successive collision cascades	BHARDWAJ, Utkarsh	
[39] The effect of an atomic hydrogen on the kink formation in a <111>{110} screw dislocation in bcc tungsten: atomistic study	KANG, Keonwook	
[33] Spectroscopic analysis of wall conditioning and ECR-heated pre-ionization phases in MT-I spherical tokamak	QAYYUM, Abdul	
[42] Development of a Numerical Solver for Partially Ionized Plasma for Fusion Using an MHD Scheme	SOMBOONKITTICHAJ, Nopparit	
[27] Energy levels, transition rates, lifetimes of transmutation of tungsten atoms He-like-(Hf, Ta, Re and Os) deduced from relativistic multiconfiguration Dirac–Hartree–Fock and many body perturbation theory calculations	Prof. JELASSI, Haikel	
[44] Unveiling Surface Chemistry and Hardening Mechanisms in Fusion and Nuclear Materials	Dr DOMINGUEZ GUTIERREZ, Francisco Javier	
[38] Multiscale Modelling of Hydrogen Retention in High Dose Irradiated Microstructures	MASON, Daniel	
[50] Refinement of Edge Plasma Density Measurement Using Bayesian Inference, Gaussian Process Methods, and CR Model Utilizing Hydrogen Atomic Data in the KSTAR BES System	KIM, Jaewook	
[83] Exploring Line Shapes in Fusion Plasmas under the Influence of Periodic Electric Fields	HANNACHI, Ibtissem	
[32] Study of Electron impact single ionization tungsten ions W64+-W71+	SINGH, Narendra	
[25] Plasma and Neutral Beam Injector Guard Wall interaction using MCNP6 and GEANT4	OSEI-MENSAH, William	