CompAS - Computational Atomic Structure group meeting

Wednesday, 26 June 2024

<u>Overview of Atomic Structure Codes and their Applications</u> **- 1.4.14 (09:15 - 17:15)**

time	[id] title	presenter
09:15	[6] GRASP overview	JÖNSSON, Per
10:00	[7] MDFGME: new developments and examples of applications	INDELICATO, Paul
10:45	Coffee Break	
11:15	[8] A GRASP2018 - Cowan's code - AMBiT multiplatform approach for kilonovae opacity computation	PALMERI, Patrick
12:00	[9] The Flexible Atomic Code as a tool for opacity calculations	FERREIRA DA SILVA, Ricardo
12:30	Lunch Break	
14:00	[11] JAC: A toolbox for atomic computations	FRITZSCHE, Stephan
14:45	[31] MCDHF calculations of the first ionization potential of Thorium	BRASSEUR, Maxime
15:00	[34] Relativistic treatment of hole alignment in noble gas atoms	TAHOURI, Rezvan
15:15	[35] Numerical estimation of early-stage kilonovae ejecta opacity reproducible in laboratory plasmas	BEZMALINOVICH, Matteo
15:30	Coffee Break	
16:00	[12] Forbidden transitions in the lanthanide ions (with GRASP2018 and HFR)	MAISON, Lucas
16:15	[13] MCDHF Calculations of Atomic Structure Parameters of Kr XIX	SHARMA, Lalita
16:30	[14] Laser Optogalvanic Spectroscopy of Lead Lines − Isotope Shifts and Hyperfine Structure Studies	Ms RATHI, Shikha
16:45	[15] Computation of Atomic Fundamental Parameters and Atomic Spectral Shapes with MCDF method	MACHADO, Jorge