

Tuesday, June 20, 2023 *continuing*

SPECTRAL LINE PHENOMENA IN LABORATORY PLASMAS AND STARS

Chair: **M. S. Dimitrijević**

15:00 - 15:30	Frank Rosmej, <i>France</i>	X-Ray free electron laser driven resonance pumping of spectral lines of highly charged ions in dense plasmas
15:30 - 16:00	Mohamed Kubiti, <i>France</i>	Application of deep-learning to line spectra in magnetic fusion plasmas
16:00 - 16:20	<i>Evgeny Stambulchik,</i> <i>Israel</i>	Analysis of magnetic-field distribution of a white dwarf
16:20 - 16:40	<i>Sylvie Saha-Bréchet,</i> <i>France</i>	The Feshbach resonances applied to the calculation of Stark broadening of ionized spectral lines: An example of interdisciplinary research
16:40 - 16:55	<i>Abubaker Ahmed Siddig,</i> <i>Saudi Arabia</i>	Systematic atomic structure of the neutral cobalt atom (Co I)
16:55 - 17:10	<i>Lamia Abu El Maati,</i> <i>Egypt</i>	Calculations of energy levels, oscillator strengths, transition probabilities and lifetimes of the C-like ion K XIV
17:10 - 17:40	<i>Coffee break</i>	

POSTER SESSION: SPECTRAL LINES IN ASTROPHYSICAL AND LABORATORY PLASMA

Chair: **N. Bon**

17:40 - 18:40 *Poster session* *3 min presentations*