

A&M DATA

The fifth Meeting on Astrophysical Spectroscopy - A&M DATA - Astronomy & Earth Observations

Palić, Serbia, September 12 – 15, 2023

PROGRAMME

FIRST DAY. SEPTEMBER 12, 2023 (Tuesday)	
16:00-18:00	Arrival and Registration
18:00-18:15	Opening ceremony (Vladimir Srećković, Milan Dimitrijević)
18:15-18:30	Milan S. Dimitrijević, A brief history of the A&M DATA meetings
18:30-19:00	Magdalena D. Christova, Milan S. Dimitrijević, Sylvie Sahal-Bréchet, On the Stark broadening parameters of N VI spectral lines (Invited lecture)
19:00-20:00	Welcome Cocktail
SECOND DAY. SEPTEMBER 13, 2023 (Wednesday)	
Chairman - Vladimir Srećković	
10:00-10:30	Nicolina Pop, E. Djuissi, J. Bofelli, J. Zs Mezei, F. Iacob, I. F. Schneider, Dissociative Recombination and ro-vibrational excitation of molecular cations by electrons: new datasets (cross sections and rate coefficients) -impact in astrophysics (Invited lecture)
10:30-11:00	Ilija B. Simonović, Danko V. Bošnjaković, Saša Dujko, Simulations of positive and negative streamers in the AMReX environment (Invited lecture)
11:00-11:15	Nikola Cvetanović, Saša S Ivković, Bratislav M. Obradović, Spectroscopic method for nitrogen impurity estimation in helium atmospheric discharge
11:15-11:30	Coffee Break
Chairman - Nicolina Pop	
11:30-12:00	Vesna Borka Jovanović, Duško Borka, Predrag Jovanović, Study of radio spectral index of radio galaxy DA 240 (Invited lecture)
12:00-12:30	Duško Borka, Vesna Borka Jovanović, Salvatore Capozziello, Predrag Jovanović, Constraining theories of gravity by velocity distribution of elliptical galaxies (Invited lecture)
12:30-12:45	Milan S. Dimitrijević, Magdalena D. Christova, On the Stark broadening parameters of Al IV spectral lines for stellar spectra analysis and synthesis (Invited lecture)
12:45-13:00	Nenad M. Sakan, Z Simić, M Dechev, Vladimir A. Srećković, The close vicinity ions as modifiers of the mean form of cut-off potential, simple approach
13:00-15:00	Lunch Break