

BPU11 CONGRESS**Tuesday, 30 August 2022****S02 Astronomy and Astrophysics - Hall 301F (14:00 - 16:00)****-Conveners: Predrag Jovanovic**

time	[id] title	presenter
14:00	[273] New Technologies and HI Mapping Results from CRAFTS	KRCO, Marko
14:30	[199] Lightcurve analysis on asteroids from BNAO Rozhen observations in 2021	VCHKOVA BEBEKOVSKA, Elena
14:45	[40] The new 1.5-meter robotic telescope for the Rozhen Observatory	SEMKOV, Evgeni
15:00	[30] Polarization of the Daytime Sky	ZINKOVA, Yovelina
15:15	[31] Wavelet analysis of the near-surface air temperature in Bulgaria	SHIROV, Grozdan

S02 Astronomy and Astrophysics - Hall 301F (16:30 - 18:00)**-Conveners: Dejan Urošević**

time	[id] title	presenter
16:30	[269] Diffusive Shock Acceleration of Cosmic Rays - Quasi-thermal and Non-thermal Particle Distributions	ARBUTINA, Bojan
17:00	[230] Updated BBN cosmological constraints on Beyond Standard Model physics	KIRILOVA, Daniela
17:15	[271] Changes introduced by Cooling Flow (CF) effect, on Sunyaev-Zaldovich (S-Z) inverse Compton effect, profiling the hot electronic plasma on Clusters of Galaxies.	ÇAÇA, Enkelejd
17:30	[41] Variability of massive stars in IC342 galaxy	Dr VALCHEVA, Antoniya
17:45	[25] Flares of Solar Cycle 24 Related to Active Regions	TSVETKOV, Tsvetan