

XXI Serbian Astronomical Conference — Detailed programme

Belgrade · 5–8 October 2026

Time	Type	Speaker / Chair	Title
Monday 5 Oct			
13:30 - 14:30	Registration		Registration
chairs: Milica Anđelić, Dragana Ilić (Scientific Organizing Committee Chairs)			
14:30 - 15:00	Opening ceremony		Opening ceremony
15:00 - 15:45	Plenary	Knežević Zoran	Asteroid synthetic proper elements: computational complexity, failures, comparison of the catalog contents and data accuracy
15:45 - 16:30	Plenary	Ivezić Željko	Rubin Observatory's LSST: status report
16:30 - 17:00	Coffee break		
Special Session — Vera C. Rubin Observatory / LSST (chair: Dragana Ilić)			
17:00 - 17:30	Invited	Kovačević Anđelka	Serbian Directable Software In-Kind Contribution for AGN Science in the Vera C. Rubin Observatory Legacy Survey of Space and Time
17:30 - 17:45	Talk	Lakićević Maša	SER-SAG-S2 In-Kind Contribution to Vera Rubin Observatory: Follow-up Observations with the 1.4-m Milanković Telescope
17:45 - 18:00	Talk	Jurkić Tomislav	Supercomputer Bura as part of the Croatian In-Kind Contribution to Rubin/LSST: Supporting Data-Intensive Astronomy and Scientific Collaboration
18:00 - 18:15	Talk	De Bonis Natale	Multi-Head ALNP: An Attentive Latent Neural Process for AGN light curve reconstruction and parameters inference
18:15 - 18:30	Talk	Spasojević Nemanja	Simulating Interstellar Object Detections with the Rubin Observatory LSST
18:30 - 18:45	Talk	Aleksić Jovan	Beyond the survey: Complementary activities in the Rubin observatory framework
18:45 - 20:00	Welcome reception		
Tuesday 6 Oct			
S5 · Extragalactic astronomy & cosmology (chair: Luka Popović)			
9:00 - 10:00	Plenary	Ho Luis	Supermassive Black Holes at Cosmic Dawn
10:00 - 10:15	Talk	Mićić Marko	Feeding the Little Monster: An Accreting Intermediate-Mass Black Hole In A Minor Merger
10:15 - 10:30	Talk	Pleasri Majda	Thief Galaxy Groups: Signatures of Cluster Passage

10:30 - 11:00	Coffee break		
S5 · Extragalactic astronomy & cosmology (chair: Stanislav Milošević)			
11:00 - 11:30	Invited	Bešlić Ivana	Mapping the Multi-phase Baryon Cycle in Cool-Core BCGs with JWST/MIRI
11:30 - 11:45	Talk	Klopić Kristina	HI flows inside and around nearby late-type galaxies
11:45 - 12:00	Talk	Chugunov Ilia	The nature of spiral structure in NGC 783 inferred from colour gradients in arms
12:00 - 12:15	Talk	Lalović Ana	Constant Rotation Velocity Approximation
12:15 - 12:30	Talk	Grozdanović Marko	The search for optical counterparts to isolated FASHI HI sources
12:30 - 14:00	Lunch break		
S5 · Extragalactic astronomy & cosmology (chair: Djordje Savić)			
14:00 - 14:30	Invited	Stalevski Marko	Blue excess hot DOGs and their link to local AGN
14:30 - 14:45	Talk	Bon Edi	Probing Broad Line Region Physics Active Galactic Nuclei
14:45 - 15:00	Talk	Kouzis Marios	A magnetically-supported disk-corona model for Changing-Look AGN transitions
15:00 - 15:15	Talk	Karlica Mile	On The Modelling of Gamma Ray Burst Spectra Within Nonhomogeneous Astrophysical Radiators Paradigm
15:15 - 15:30	Talk	Egorov Andrei	Multiwavelength detection prospects for annihilating heavy WIMP dark matter around M31*
15:30 - 16:00	Coffee break		
S5 · Extragalactic astronomy & cosmology (chair: Ana Lalović)			
16:00 - 16:15	Talk	Milošević Stanislav	Dynamical properties of spiral galaxies as a signature of satellite galaxy tidal disruption
16:15 - 16:30	Talk	Jovanović Milena	Estimating Baryonic Specific Angular Momentum from Stellar Kinematics
16:30 - 16:45	Talk	Marchuk Alexander	The edge-on galaxies in the DESI survey: EGIDE project
16:45 - 17:00	Talk	Bilek Michal	Predicting the gravitational fields of low-surface-brightness spheroids
17:00 - 17:15	Talk	Milošević Milan	MCMC Parameter Estimation for Inflationary Cosmological Models
17:15 - 17:45	Flash talks		Poster session S1, S3 & S5: 1, 2, 5, 8, 14, 22, 29, 32
Wednesday 7 Oct			

S5 · Extragalactic astronomy & cosmology (chair: Zarija Lukić)

9:00 - 9:45	Plenary	Seljak Uroš	Using AI to advance understanding of our universe
9:45 - 10:15	Invited	Salak Dragan	Molecular outflows at high redshift probed by absorption lines
10:15 - 10:30	Talk	Savchenko Sergey	How to Decompose Thousands of Galaxies: A Template-Based Approach
10:30 - 11:00	Coffee break		

S3 · Solar, stellar physics & the ISM (chair: Dušan Vukadinović)

11:00 - 11:30	Invited	Damiani Cilia	PLATO: Terrestrial planet hunter
11:30 - 11:45	Talk	Latković Olivera	Spot migration and eclipse time variations in close binaries
11:45 - 12:00	Talk	Dakić Vinka	Supernova explosions of runaway stars and young neutron stars above the Galactic plane
12:00 - 12:15	Talk	Kubátová Brankica	Clumped Winds of Massive Hot Stars and Their Impact on Mass-Loss Determinations
12:15 - 12:30	Talk	Kubát Jiří	Spherically symmetric NLTE model atmospheres: from first stars to clumped hot dwarfs
12:30 - 14:00	Lunch break		

S3 · Solar, stellar physics & the ISM (chair: Dejan Urošević)

14:00 - 14:30	Invited	Raymond John	Radiative Shocks in SNRs: Magnetic Fields and Cosmic Rays
14:30 - 15:00	Invited	Arbutina Bojan	Radio evolution of supernova remnants
15:00 - 15:15	Talk	Knežević Slađana	Complex Balmer-Line Structure in SNR 0509-67.5: Tracing Shock Precursors
15:15 - 15:30	Talk	Zeković Vladimir	Igniting Fast Cosmic-Ray Acceleration via Non-Linear Structures at High-Mach-Number Shocks
15:30 - 16:00	Coffee break		

S3 · Solar, stellar physics & the ISM (chair: Bojan Arbutina)

16:00 - 16:15	Talk	Jelić Vitor	The multiphase interstellar medium observed at low-radio frequencies
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S6 · Interdisciplinary studies

16:15 - 16:30	Talk	Veselinović Nikola	Ground-Based Muon Observations of Solar Activity and Space Weather: The Belgrade Muon Station and the gLOWCOST Network.
16:30 - 16:45	Talk	Nina Aleksandra	Noise reduction of VLF signal amplitude as earthquake precursor: statistical study

20:00	Conference dinner		
Thursday 8 Oct			
S1 · Astrometry, dynamical astronomy & planetology			
9:00 - 9:15	Talk	Jovanović Miljana D.	Linking Gaia CRF with ICRF by means of V and R magnitudes of selected quasars
9:15 - 9:30	Talk	Milić Žitnik Ivana	A systematic survey of the von Zeipel–Lidov–Kozai resonance across the Solar System: from inside Jupiter's orbit to the trans-Neptunian region
9:30 - 9:45	Talk	Knežević Nikola	A Candidate Very Young Pair of Small Near-Earth Asteroid
9:45 - 10:00	Talk	Gavrilović Marko	Modeling the Yarkovsky Effect for Tumbling Asteroids (CANCELED)
10:00 - 10:15	Talk	Janković Marija	Properties of extrasolar planetesimal belts from ARKS
10:15 - 10:30	Talk	Dujko Saša	Lightning on the exoplanet K2-18b
10:30 - 11:00	Coffee break		
S6 · Interdisciplinary studies (chair: Ivan Milić)			
11:00 - 11:30	Invited	Mitrašinović Ana	Beyond the Galactic Habitable Zone: A contemporary view of galactic habitability
11:30 - 11:45	Talk	Žižak Teodora	Prve galaktičke mape planetarnih sistema
11:45 - 12:00	Talk	Lukić Dragan	Architecture of Directed Panspermia: Synthesis of Orbital Interception and Mechanical Protection of Biological Cargo during Hypervelocity Impacts
12:00 - 12:15	Talk	Konstantin Aleksandar	Exoplanet detection from stellar light curves using recurrent and transformer-based deep learning models
12:15 - 12:30	Talk	Oleg Yakovlev	CubeSat missions dedicated to astronomical research
12:30 - 14:00	Lunch break		
S7 · History of astronomy, education & outreach (chair: Milica Anđelić)			
14:00 - 14:15	Talk	Tomić Zoran	The importance of Serbia's inclusion in international space research initiatives
14:15 - 14:30	Talk	Todorović Nataša	Sećanje na Vojislavu Protić Benišek
14:30 - 14:45	Talk	Mijatović Vesna	Наука у култури: разматрање могућности унапређења едукативно-културних програма у Астрономској опсерваторији у Београду
14:45 - 15:00	Talk	Baucalo Katarina	Department of Astronomy at Petnica Science Center: 2024-2026
15:00 - 15:15	Talk	Stanković Miloš	Activities of the Eureka Astronomical Society on the promotion of astronomy 2023 - 2026

15:15 - 15:30	Talk	Rovčanin Branislav	The results of light pollution questionnaire in the territory of Belgrade
15:30 - 16:00	<i>Coffee break</i>		
Poster session and closing (chair: Milica Anđelić)			
16:00 - 16:45	Flash talks		Poster session S6 & S7: 26, 27, 30, 35, 37
16:45 - 17:00	Closing remarks		
17:00 - 18:30	Assembly		Assembly (Skupština Društva astronoma Srbije)
Last update: 5 October 2026			