

Variable and binary stars in the era of big data and new instrumentation

Scientific program

[Monday, 18 September](#)

[Tuesday, 19 September](#)

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[Thursday, 21 September](#)

[Friday, 22 September](#)

[Abstract book \(pdf\)](#)

Note: The file with the presentation in pdf format is linked to each talk title (if available).

Monday, 18 September 2023

8:00 - 9:00	Registration	
09:00 - 09:40	GUINAN Edward F.	Setting the stage (via ZOOM)
09:40 - 10:25	EYER Laurent	Gaia: a multi-epoch survey to decrypt variable and binary stars
10:25 - 10:45	Coffee break	
10:45 - 11:35	MAÍZ APELLÁNIZ Jesus	Extinction, the elephant in the room that hinders all optical Galactic observations
11:35 - 14:00	Lunch and break	
14:00 - 14:50	MOURARD Denis	Optical interferometry: a detailed vision of stars for a better knowledge of their properties
14:50 - 15:10	Coffee break	
15:10 - 15:35	MEILLAND Anthony	Probing dust and gas around hot stars with interferometry (disks around Be stars & B[e] stars, wind of supergiant stars ...)
15:35 - 15:55	HOLGADO Gonzalo	Multi-epoch precise photometry from the ground: MUDEHaR, magnetic stars and everything around
15:55 - 16:15	JONÁK Juraj	Binaries under the view of optical interferometry
16:15 - 16:35	PANTALEONI Michelangelo	OB cartography of the Milky Way with Gaia
19:30	Welcome reception	

Tuesday, 19 September 2023

09:00 - 09:50	AERTS Conny	Lifting Asteroseismology to Higher Dimensions: from Ground- to Space-based Data
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09:50 - 10:20	BARLOW Brad	Fundamental Properties of Binary Hot Subluminous O/B Stars Observed from Space
10:20 - 10:40	Coffee break	
10:40 - 11:25	BROŽ Miroslav	Experience with fitting of multi-technique observations (with examples: QZ Car, delta Ori, beta Lyr, 216)
11:25 - 14:00	Lunch and break	
14:00 - 14:25	PIGULSKI Andrzej	Blue large amplitude pulsators - the binary context of their origin and life
14:25 - 14:45	ROSU Sophie	Apsidal motion in massive eccentric binaries
14:45 - 15:05	Coffee break	
15:05 - 15:30	KUBÁTOVÁ Brankica	Inhomogeneities in the winds of massive hot stars

Wednesday, 20 September 2023

09:00 - 10:00	BAADE Dietrich	What are Be stars? And how do they tick? A journey of exploration
10:00 - 10:45	BOŽIĆ Hrvoje, HARMANEC Petr	Evolution of a half century of the UBV photometry at Hvar
10:45 - 11:05	Coffee break	
11:05 - 11:30	LABADIE-BARTZ Jon	Be stars observed by TESS
11:30 - 14:00	Lunch and break	
14:00 - 14:25	NAZÉ Yaël	Gamma Cas phenomena as a link to massive stars
14:25 - 14:45	WANG Luqian	Detection and characterization of Be+sdO(sdB) binaries
14:45 - 15:05	Coffee break	
15:05 - 16:30	General discussion about unsolved problems of the Be star research	

Thursday, 21 September 2023

09:00 - 09:45	PRŠA Andrej	Space-based survey studies of eclipsing binary systems
09:45 - 10:20	PIETRZYNSKI Gregorz	Eclipsing binary systems as precise and accurate distance indicators
10:20 - 10:40	Coffee break	
10:40 - 11:25	ZASCHE Petr	Multiply eclipsing systems in the era of satellite telescopes
11:25 - 14:00	Lunch and break	
14:00 - 14:25	CHINI Rolf	Rotation of O-stars in multiple systems
14:25 - 14:45	OPLIŠTILOVÁ Alžběta	Massive multiple stars in the Orion belt

[\(Delta, Epsilon, Zeta Ori\)](#)

14:45 - 15:05

Coffee break

15:05 - 15:25

ŠVRČKOVÁ Jana

[Improved orbital elements of the triple](#)

[system \$\delta\$ Circini](#)

15:25 - 15:40

ZUMMER Michal

[HD 93695 – A remarkable B3 star binary](#)

[system](#)

20:00 - 22:00

Evening session: Reminiscences of Hvar 1983 workshop - [Waelk](#)

[ens](#)

Friday, 22 September 2023

09:00 - 09:40

OLÁH Katalin

[New answers to old questions in](#)

[stellar activity](#)

09:40 - 10:00

KOVARI Zsolt

[Contemporary view of stellar surface](#)

[structures](#)

10:00

Farewell