

INO Workshop IV

Formation, evolution, and asteroseismology of stars

19-20 May 2022; 29-30 Ordibehesht 1401

Thursday, 19 May 2022-29 Ordibehesht 1401

Session Chair	Time (Iran Time)	Speaker	Title
Hossein Safari	8:30-9:00	Habib Khosroshahi Jalal Bazargan Mir Saeed Seyed Dorraji	Opening
Yousefali Abedini	9:00-9:45	Fatemeh Tabatabaei	Rates and laws of star formation in galaxies
	9:45-10:30	Amin Farhang	The interstellar medium through heavy molecules
	10:30-11:00	Break	
Amin Farhang	11:00-11:45	Elham Eftekhari	Stellar populations of galaxies
	11:45-12:30	Sami Dib	Structure and mass segregation: from molecular clouds to star clusters
	12:30-14:00	Break	
Hossein Safari	14:00-14:45	Saeed Hojjatpanah	Characterization of exoplanets through Radial Velocity Method
	14:45-15:30	Saeed Hojjatpanah	Hands-on practice on Radial Velocity data and its analysis
	15:30-16:00	Break	
Atefeh Javadi	16:00-16:45	Fatemeh Davoudi	Characterization of exoplanets through Transit Method
	16:45-17:30	Somayeh Khakpash& Fatemeh Davoudi	Hands-on practice on Transit data and its analysis
	17:30-17:40	Somayeh Taran	Asymmetry of solar Hemispheres for solar flares in the complex network approach
	17:40-17:50	Hossein Zarei Oshtolagh	Exomoon Investigations of the TESS Continuous Viewing Zone Using TESS Data

INO Workshop IV

Formation, evolution, and asteroseismology of stars

19-20 May 2022; 29-30 Ordibehesht 1401

Friday, 20 May 2022-30 Ordibehesht 1401

Session Chair	Time (Iran Time)	Speaker	Title
Mohsen Bigdeli	10:00-10:45	Amir Hasanzadeh	Characterization and data analysis of eclipsing binary and pulsating stars
	10:45-11:30	Amir Hasanzadeh	Overview of asteroseismology observations
	11:30-12:00	Break	
Amir Hasanzadeh	12:00-12:45	Anya Samadi-Ghadim	Detection of the hybrid stellar pulsations for intermediate-mass A/F-type stars residing in binary systems
	12:45-14:00	Break	
Maryam Saberi	14:00-14:45	Jacco van Loon	Mass loss from red giants and supergiants
	14:45-15:30	Ambra Nanni	TP-AGB stars: dust factories in the Universe
	15:30-16:00	Break	
Nasibeh Alipour	16:00-16:45	Mina Zamani	Neutron Stars I: Observation and Theory
	16:45-17:30	Mohsen Bigdeli	Neutron Stars II: Observation and Theory
	17:30-17:40	Sima Taefi Aghdam	The Complex Star Formation History of the Halo of NGC 5128 (Cen A)
	17:40-17:50	Elham Ziaali	Characteristics of pulsating stars by the complex networks approach and asteroseismology
	17:50-18:00	Yousefali Abedini Habib Khosroshahi Hossein Safari Atefeh Javadi	Closing