



23rd Meeting on Research in Astronomy - 28 & 29 May 2020

First day, Thursday, May 28, 2020

Time (Tehran)	Speaker	Title	Chair
09:00 – 9:20	Babak Karimi (President of IASBS) Yousef Sobouti (Founder of IASBS) Habib Khosroshahi (Director of INO)	<i>Opening</i>	H. Haghi
09:20 – 9:50	<u>Shu-ichiro Inutsuka</u> Nagoya University (L.time : 13:50-14:20)	Filament Paradigm and Galactic Star Formation	H. Khosroshahi
10:00 – 10:30	Holger Baumgardt University of Queensland (L.time: 15:30-16:00)	GCs and what we have learned about them from Gaia etc.	
10:40 – 11:00	Break		
11:00 – 11:30	Akram Hasani Zonoozi IASBS	Galaxy-wide IMF: from dwarf to super spiral galaxies	M.H. Vahidinia
11:30 – 12:00	Amin Farhang IPM	A new tracer in ISM; unknown DIBs	
12:10 – 12:40	Reza Rezaee Sharif University of Technology	Recent advances in solar physics	
12:40 – 14:00	Lunch		
14:00 – 14:30	Kayoomars Karami University of Kurdistan	Cosmic inflation beyond the standard model	A.Mehrabi
14:40 – 15:10	Masoumeh Ghasemi Nodehi IPM	Testing Kerr black hole hypothesis with X-ray reflection spectroscopy	
15:10 – 16:30	Poster Session		
16:30 – 17:00	Benoit Famaey University of Strasbourg (L.time: 14:00-14:30)	The dark matter conundrum in galaxies	M. Roshan
17:10 – 17:40	Stacy McGaugh Case Western Reserve University (L. time: 8:40-9:10)	Regularities in the Dynamics of Rotating Galaxies	
17:40 – 18:00	Break		
18:00 – 18:30	Sohrab Rahvar Sharif University of Technology	Gravitational Microlensing: A natural amplifier for SETI observations	N. Khosravi
18:40 – 19:10	Niayesh Afshordi Perimeter Institute for Theoretical Physics (L. time: 10:10-10:40)	Quantum Black hole seismology	
19:15 – 19:30	Break		
19:30 – 20:00	Shantanu Basu Western University (L. time: 11:00-11:30)	The formation and Evolution circumstellar Disks	Sh. Abbassi
20:10 – 20:40	Jeremy Webb University of Toronto (L. time: 11:40-12:10)	Star Clusters in the Age of Large Scale Surveys	



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Second day, Friday, May 29, 2020

Time (Tehran)	Speaker	Title	Chair
09:30 – 10:00	Mehrdad Mirbabayi Stanford Institute for Theoretical Physics & ICTP (L. time: 22:00-22:30)	Up tunneling to de Sitter	F. Tabatabaei
10:10 – 10:40	Mahmood Roshan Ferdowsi University of Mashhad	Dynamical friction in spiral galaxies	
10:50 – 11:20	Mohammad Hossein Zhoolideh IPM	Characterizing the relaxation state of galaxy systems	
11:20 – 11:40	Break		
11:50 – 12:20	Soroush Shakeri Isfahan University of Technology	Towards the Detection of Axion Dark Matter	A. Abolhassani
12:30 – 13:00	Alireza Vafaei Sadr IPM	Mining cosmological datasets	
13:00 – 14:00	Lunch		
14:00 – 14:30	Pavel Kroupa University of Bonn (L. time: 11:30-12:00)	Star cluster formation and the three populations in the Orion Nebula Cluster	H. Haghi
14:40 – 15:10	Anna Lisa Varri University of Edinburgh (L. time: 11:10-11:40)	The new phase space complexity of old globular clusters	
15:15 – 15:30	Break		
15:40 – 16:10	Hadis Goodarzi IPM	Magnetic behavior of flare stars on the Main-sequence and Sub-giant branch (Kepler Mission)	M. Mosleh
16:20 – 16:50	Elham Saremi IPM	Monitoring survey of long period variable stars in the Local Group dwarf galaxies	
16:50 – 17:10	Break		
17:10 – 17:25	Halime Miraghaei University of Maragheh	luminosity gap and radio mode AGN activity in massive galaxies	S. Sheikhnezami
17:30 – 17:45	Sayyedah Masoumeh Ghoreyshi Golestan University	Evolution of Circumbinary Protoplanetary Disks with Photoevaporative Winds	
17:50 – 18:05	Ghasem Safaei IASBS	Star Clusters with Top-heavy IMF	
18:10 – 18:25	Sayyed Mohammad Reza Ghoreyshi The University of Western Ontario	The life cycles of Be viscous decretion discs: The case of ω CMa	
18:30 – 18:45		Closing	