

31st IPM Physics Spring Conference

Institute for Research in Fundamental Sciences

15 May 2024 (26 Ordibehesht 1403)

Time (Tehran Time)	Speaker	Title
8:45-9:00	TBA	Opening
9:00-9:40	Mohammad Khazaei (University of Tehran, Iran)	Insight into MAX Phases and Their 2D MXenes: A First-Principles Perspective on Structures and Electronic Properties
9:40-10:20	Arman Shafieloo (KASI, South Korea)	Reconstructing Dark Energy with Most Recent Cosmology Data
10:20-10:50	Break / Posters	
10:50-11:30	Hossein Karimi (IPM, Iran)	An Introduction to the Vacuum System of Synchrotron Light Sources
11:30-12:10	Radoslaw Ryblewski (IFJ PAN, Poland)	The Emergence of Barnett Effect within Relativistic Spin MHD
12:10-13:30	Break / Posters	
13:30-14:10	Mohsen Razavi (Leeds University, UK)	Recent Progress in Quantum Communications Networks
14:10-14:50	Alessandro Laio (SISSA, Italy)	Estimating the Free Energy: From Enhanced Sampling to Manifold Learning
14:50-15:20	Break / Posters	
15:20-16:00	Bernard Foing (Leiden University, Netherlands)	Moon and Mars Science: Recent Exploration and Upcoming Missions
16:00-16:40	Ali Seraj (Université libre de Bruxelles, Belgium)	Gyroscopic Gravitational Memory from Binary Systems
16:40-17:00	Break / Posters	
17:00-17:40	TBA	Selected Posters Presentations
17:40-17:45	TBA	Closing