

Title of Talks

Speakers	Title of Talks
Seyyed Hamed Aboutalebi	2D materials in practice: challenges and opportunities
Mohsen Alishahiha	Holography at IPM
Reza Asgari	Superconductivity of hole doped blue phosphorene
Shant Baghrum	Cosmology with non-linear structure Formation
Mahmood Faghfoor Maghrebi	Many-body driven systems coupled to a dissipative bath
Yasaman Farzan	CP-violation and non-standard interactions of neutrinos
Majid Hashemi	Observability of extra Higgs bosons at future linear colliders
Seifollah Jalili	Water Transport and Desalination through Double-Layer Graphyne Membranes
Tayeb Jamali	Swim pressure on circular interfaces
Mohsen Khakzad	Forward Physics / Detectors at CMS
Mojtaba Mohammadi Najaf Abadi	Higgs and Top quark properties in the light of recent LHC data
Alireza Molaeinejad	The imprint of bars on the formation and evolution of galaxies
Ali Naji	TBA
Mahdiyar Noorbala	اثرات تصادفی در تورم چندمیدانه
Ali Tayefeh Rezakhani	Quantum ergodic theorem
Mahmood Roshan	On the cosmological and astrophysical consequences of scalar-tensor-vector gravity theory
Seyyed Hamed Shaker	فعالیت های پروژه شتابگر خطی
Mohammad Mehdi Sheikh Jabbari	Topics in Black hole Physics

Participating Speakers	Title of Talks
Mahdi Atashi	بررسی اثر جفت شدگی محدود بر تحول اوتروپی پالسمای کوآرک-گلوئون
Hesam Edin Arabi Ardakani	استفاده از ساختار تار نوری در طراحی و ساخت ابزار اپتیکی مجتمع
Arash Arabi Ardahali	از فیزیک ماده چگال تا گرانش کوانتومی: مدل ساچدو-یه-کیتائف و سیاه‌چاله‌ها
Samira Fathizadeh	Control of a molecular transistor via the DNA channel engineering
Behnam Javanmardi	The first probe of the isotropy of the distribution of galaxy morphological types
Azadeh Mazloom	The effect of screening on the pairing between two layers of dipolar fermions
Raphaël Raynaud	Latitudinal heat flux distribution in stellar convective envelopes
Mahdi Rezayati Charan	Continuous microparticles separation using electrokinetically driven flow in a modified circular microchannel
Seyed Farid Taghavi	Standardized Cumulants of Flow Harmonic Fluctuations
Mohammad-Hossein Zare	Mixed-pairing superconductivity in 5d Mott insulators: Application to Doped Sr ₂ IrO ₄