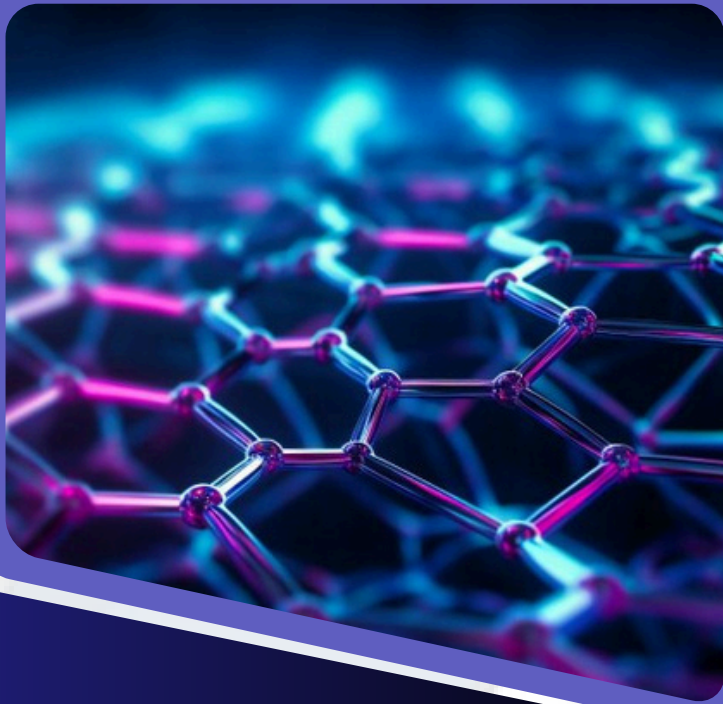


**2 July 2025 (11 Tir 1404)**

School of Quantum Physics and Matter  
IPM, Tehran



This workshop will explore the landscape of many-body interactions in two-dimensional quantum systems, a field that has witnessed rapid progress. Bringing together experts from condensed matter physics, the event will foster interdisciplinary dialogue on topics such as correlation effects, topological phases, many-body localization, and transport properties in 2D settings. The workshop aims to provide a platform for knowledge exchange and collaboration across theory and experiment.

We encourage researchers with interest in the above areas to join the program. Postdocs and PhD students are especially welcome. More information can be found in the registration section at:



[gpm@ipm.ir](mailto:gpm@ipm.ir)



[www.gpm.ipm.ac.ir](http://www.gpm.ipm.ac.ir)

*Workshop on*

# Emergent Many-Body Phenomena in 2D Quantum Materials

## Invited Speakers

- ✓ M. Amini (UI, Iran)
- ✓ M. S. Bahramy (UM, UK)
- ✓ A. Faridi (IPM, Iran)
- ✓ M. Kargarian (SUT, Iran)
- ✓ L. Majidi (SCU, Iran)
- ✓ A. Vaezi (SUT, Iran)

## Organizers

- ✓ R. Asgari (IPM, Iran)
- ✓ S. Abedinpour (IASBS, Iran)

**Deadline for registration: 25 June 2025 (4 Tir 1404)**