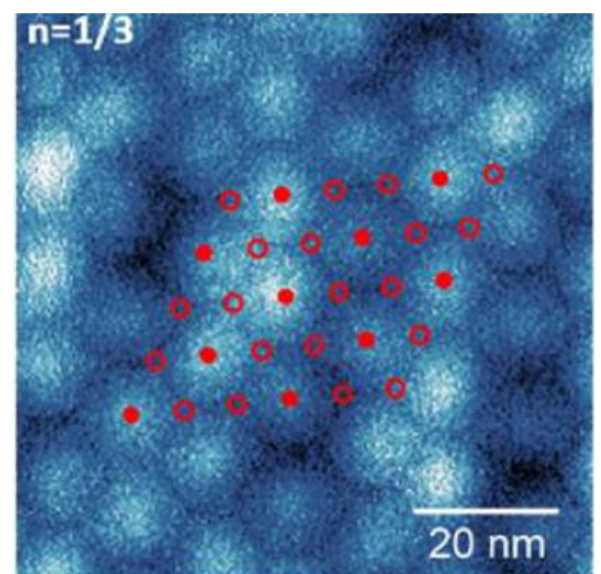
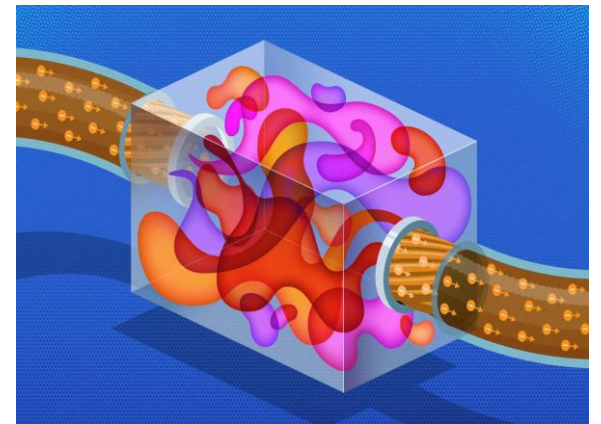


Maglab Theory Winter School

JANUARY 6 -10, 2025

Strong correlation across newly accessible length and energy scales

The National High Magnetic Field lab in Tallahassee, Florida will hold its thirteenth Theory Winter School from January 6 to 10, 2025. The principal theme of our school this year is **exploring strongly correlated physics across newly accessible length and energy scales** which is a concerted effort by us to communicate exciting new ideas in this area of condensed matter physics to a wide audience. Many aspects of this subject (moiré graphene and transition metal dichalcogenides, fractional Chern insulators, Wigner crystals and strange metals) have become active areas of research leading to new theories, experiments and computational methods to address them. It is our objective to initiate closer dialogue between the various subfields and discuss the open questions at the forefront of this area of research.



CONFIRMED SPEAKERS

- B. Andrei Bernevig (Princeton)
- Dmitri Efetov (LMU Munich)
- Kristjan Haule (Rutgers)
- Eun-Ah Kim (Cornell)
- Zhengguang Lu (FSU and NHMFL)
- Allan MacDonald (Univ. Texas Austin)
- Aavishkar Patel (Flatiron)
- Nicolas Regnault (CNRS and Princeton)
- Joerg Schmalian (Karlsruhe)
- Jie Shan (Cornell)
- Di Xiao (University of Washington)
- Jiabin Yu (University of Florida)

Application Review Begins November 8, 2024

For more information please visit:

Nationalmaglab.org/theory-winter-school

Contact: Garry Lawrence glawrence@magnet.fsu.edu



Organizers:

B. Andrei Bernevig (Princeton)
Hitesh Changlani (FSU and NHMFL)
Vladimir Dobrosavljevic (FSU and NHMFL)

Sponsors:

