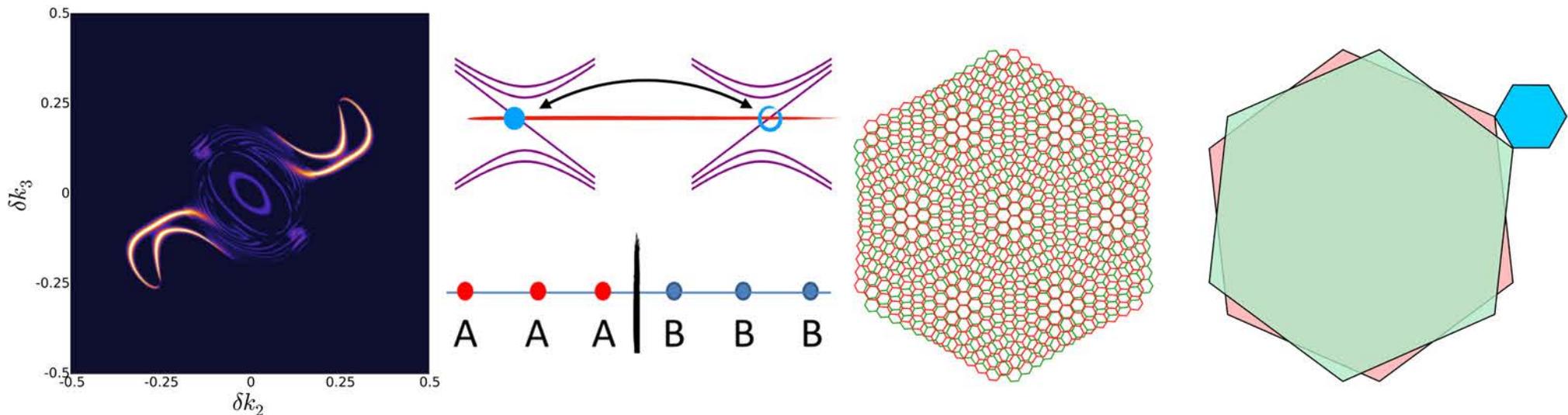


MAGLAB THEORY (VIRTUAL) WINTER SCHOOL

January 11 - 15, 2021

NATIONAL HIGH MAGNETIC FIELD LABORATORY - TALLAHASSEE, FL

MODERN ASPECTS OF QUANTUM CONDENSED MATTER



The National High Magnetic Field lab will hold its 9th Theory Winter School virtually via Zoom, on 11-15 January, 2021. This year's School will focus on "Modern aspects of quantum condensed matter", a subject inspired by recent developments in condensed matter physics. These developments shed new light on open questions of quantum criticality, unconventional superconductivity, and new types of topological phases of matter. The tentative topics of the school include novel phases in twisted bilayer graphene and other moire systems, recent developments in unconventional superconductivity, topology of electronic states, and quantum magnetism.

Confirmed Lecturers:

- | | | | |
|-----------------------|--|----------------------|--|
| • Agterberg, Daniel | <i>University of Wisconsin Milwaukee</i> | • Metlitski, Max | <i>Massachusetts Institute of Technology</i> |
| • Balents, Leon | <i>KIIP & University of California Santa Barbara</i> | • Regnault, Nicolas | <i>Ecole Normale, Paris</i> |
| • Bernevig, Andrei B. | <i>Princeton University</i> | • Savary, Lucile | <i>CNRS Lyon</i> |
| • Cano, Jennifer | <i>Stony Brook University/Flatiron Institute</i> | • Vishwanath, Ashvin | <i>Harvard University</i> |
| • MacDonald, Allan | <i>University of Texas Austin</i> | | |

In addition to the formal lectures, we will include poster sessions, and ample discussion time to allow direct exchange of ideas with the lecturers and each other.

**For more information please visit conference website at
<https://nationalmaglab.org/theory-winter-school>**

Organizers:

Bradlyn, Barry *Univ. of Illinois*
Chubukov, Andrey *Univ. of Minnesota*
Vafek, Oskar *MagLab/FSU*

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