



Mathematical Models of Electronic Transport & Phases in Low-Dimensional Materials

March 11-15, 2024

ABOUT THE WORKSHOP

The goal of this interdisciplinary workshop is to bring together mathematicians, and theoretical and applied physicists with the purpose of identifying and discussing new mathematical problems of physical importance in electronic transport.

ORGANIZERS

Svetlana Jitomirskaya, University of California, Irvine
Mitchell Luskin, University of Minnesota
Allan MacDonald, University of Texas, Austin
Dionisios Margetis, University of Maryland

PARTICIPANTS

Andrei Bernevig, Princeton University
Eric Cances, CERMICS, Ecole des Ponts ParisTech
Liang Fu, Massachusetts Institute of Technology
Lingrui Ge, Peking University
Michael Hott, University of Minnesota
Ilya Kachkovskiy, Michigan State University
Efthimios Kaxiras, Harvard University
Tianyu Kong, University of Minnesota
Patrick Ledwith, Harvard University
Wencai Liu, Texas A&M University
Matthias Maier, Texas A&M University
Daniel Massatt, Louisiana State University
Matt Powel, Georgia Institute of Technology

Solomon Quinn, University of Minnesota
Angel Rubio, Flatiron Institute
Miguel Sanchez Sanchez, ICMM, Spain
Tobias Stauber, ICMM, Spain
Kevin Stubbs, University of California, Berkeley
Grigory Tarnopolsky, Carnegie Mellon University
Oskar Vafek, Florida State University
Alexander Watson, University of Minnesota
Michael Weinstein, Columbia University
Mengxuan Yang, University of California, Berkeley
Qi Zhou, Nankai University
Xiaowen Zhu, University of Washington
Zoe Zhu, Stanford University



CSIC Building 4th Floor
8169 Paint Branch Drive
University of Maryland
College Park, MD 20742

BRINMRC.UMD.EDU



DEPARTMENT OF
MATHEMATICS