



# “The Quantum Hall Effect: Past, Present and Future”

**March 8-10, 2017**

Jadwin Hall, Fourth Floor, Room 407

PCTS Seminar Room

The quantum Hall effect remains the cornerstone of our understanding of topological physics. One of the reasons for its continued relevance is consistent experimental progress, including new materials (e.g., graphene and zinc oxide) and even new platforms (optical cavities and photonic devices). It is also experiencing a theoretical revival due to a new understanding of the half-filled Landau level, and to intense interest in the interplay between quantum Hall states and geometry. This workshop will focus on recent advances in quantum Hall physics, with the aim to bring together different experimental and theoretical communities.

**FREE, but REQUIRED REGISTRATION is limited and available online at <http://pcts.princeton.edu/pcts>**

**Workshop Organizers:** Andrei Bernevig, Ravindra Bhatt, Barry Bradlyn, Jennifer Cano, Scott Geraedts, Duncan Haldane, Mansour Shayegan

## Speakers

Maissam Barkeshli, University of Maryland  
Gabor Csathy, Purdue University  
Eduardo Fradkin, University of Illinois  
Mohammed Hafezi, University of Maryland  
Bert Halperin, Harvard University  
Moty Heiblum, Weizmann Institute  
Max Metlitski, MIT  
Michael Mulligan, UCR

Nick Read, Yale University  
Jonathon Simon, University of Chicago  
Dam Son, University of Chicago  
Senthil Todadri, MIT  
DiDi Wei, Harvard University  
Paul Wiegmann, University of Chicago  
Cenke Xu, UCSB

**This workshop will be held in conjunction with the “New Developments in Conformal Field Theory Above Two Dimensions” workshop, held from March 6-8, 2017; Room 407 Jadwin Hall, PCTS.**