

FRIENDS OF THE KAVLI INSTITUTE FOR THEORETICAL PHYSICS

Chalk Talk

Quantum Glass

W().

Most quantum systems eventually follow the laws of equilibrium statistical physics after they come to equilibrium with their environment. Recently, however, some intriguing exceptions known as quantum glass have been discovered. Quantum glasses remain quantum even at large size scales and long times and they support new quantum phases of matter. Come join us to explore their surprising properties.

> Wednesday, September 19, 2018 Kohn Hall, UCSB 5:30 Courtyard Reception 6:15 - 7:15 Presentation and Discussion

Attendance by Reservation Only RSVP by Monday, September 17: Online: https://www.kitp.ucsb.edu/chalk-talk-rsvp Phone: (805) 893-6350 or friends@kitp.ucsb.edu

Lot 10 parking

As you enter campus from Hwy 217, turn right onto Mesa Rd, merge into the left lane, and at the stop light turn left into Parking Structure 10. Park, buy a permit from the dispenser (near the elevator and stairs), and display the permit on your dashboard. The KITP is right next door to the parking structure.



Rahul Nandkishore University of Colorado Boulder

Rahul Nandkishore is an Physics and a Fellow of the Center for Theory of Quantum Matter at the University of Colorado Boulder. His research is focused on the dynamics of many body quantum systems, in particular seeking to understand new non-equilibrium phases of matter that may be realized therein. Rahul received his BA and MSci from the University of Cambridge and his PhD from the Massachusetts Institute of Technology. He was then a postdoctoral fellow at the Center for Theoretical Science at Princeton Young Investigator awards from the U.S. Army and Air Force research offices, as well as a Sloan Research Fellowship. He is a member of the Foundational Questions Institute.