

The Keck Institute for Space Studies presents a short course on:

## Approaching the Event Horizon: Black Holes and Their Effect on the Universe

Monday, September 16, 2019 8:15 A.M. Coffee 8:45 A.M. - 12:30 P.M. Short Course

Hameetman Auditorium
Cahill Center
California Institute of Technology

Prof. Kelly Holley-Bockelmann Vanderbilt University

Black Holes 101

Dr. Shoko Sakai - UCLA

The Galactic Center: A Black Hole Closeup

**Prof. Charles Gammie - University of Illinois** Modeling and Studying Black Holes on Horizon Scales

Dr. Michael Johnson - Harvard-Smithsonian CfA

The Event Horizon Telescope - Imaging Black Holes with a Global VLBI Array

No registration is required for this short course. Seating is limited and is available on a first come, first served basis. An informal lunch is provided for all attendees.