

BLACK HOLES

AT ALL SCALES

EIGHTH ANNUAL GIANT MAGELLAN TELESCOPE COMMUNITY SCIENCE MEETING

MEETING SYNOPSIS

Black holes are among the most extraordinary objects in the Universe. Pivotal new results include the detection of gravitational radiation from merging black holes and the imaging of event horizon scale regions. This conference will focus on dynamics as a way to learn about black holes of all masses, and will include Sgr A*, mass measurements, demographics, gravitational wave events, accretion disk dynamics, and tidal disruption events. Experts will highlight key observational and theoretical questions, and motivate future directions, particularly in the era of extremely large telescopes.

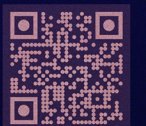
INVITED SPEAKERS

Richard Anantua UT San Antonio **Misty Bentz** GSU
Jillian Bellovary AMNH/CUNY-QCC **Rebecca Bernstein** GMTD
Laura Blecha Univ. of Florida **Jason Dexter** CU Boulder
Maya Fishbach CIERA/Northwestern Univ. **Suvi Gezari** STScI
Jenny Greene Princeton Univ. **Kayhan Gultekin** Univ. of Michigan
Kelly Holley-Bockelmann Vanderbilt Univ.
Nora Lützendorf ESA/STScI **Chung-Pei Ma** UC Berkeley
Morgan Macleod Harvard CfA **Chiara Mingarelli** Flatiron Institute
Smadar Naoz UCLA **Jessie Runnoe** Vanderbilt University

**AUGUST 31–
SEPTEMBER 2, 2022**
Hilton Sedona Resort at Bell Rock
Sedona, Arizona

NO CONFERENCE FEE

Partial travel support is available
for grad students and postdocs.



Details and registration at
conference.gmto.org



GIANT MAGELLAN TELESCOPE
THE UNIVERSE AWAITS

"Cathedral Rock Event Horizon" artwork by Damien Jemison for GMTD
#GMTCSM22

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