

# THE COSMIC BARYON CYCLE

IMPACT ON GALAXY EVOLUTION

## SEVENTH ANNUAL GIANT MAGELLAN TELESCOPE COMMUNITY SCIENCE MEETING

### MEETING SYNOPSIS

The rich taxonomy of galaxies we observe today is understood to be regulated by two competing processes: accretion and feedback. This meeting will bring together leading theorists and observers to discuss the latest progress in studying baryonic flows in and out of galaxies with an outlook towards key growth areas in the era of giant telescopes.

"Galaxia en la costa" artwork by Damien Jemison for GMTD  
Images: E2 image credit: NASA, ESA, and The Hubble Heritage Team (STScI/AURA)

#GMT19

### INVITED SPEAKERS

**George Becker** UCR **Rebecca Bernstein** GMTD  
**Sebastian Cantalupo** ETH Zurich **Sara Ellison** Univ. of Victoria  
**Dawn Erb** Univ. of Wisconsin-Milwaukee  
**Claude-André Faucher-Giguère** Northwestern Univ.  
**Filippo Fraternali** Univ. of Groningen **Decker French** Carnegie Obs.  
**Shy Genel** Flatiron Institute **Erika Hamden** Univ. of Arizona  
**Timothy Heckman** Johns Hopkins Univ. **Sean Johnson** Princeton Univ.  
**Dusan Keres** UCSD **Crystal Martin** UCSB  
**Smita Mathur** OSU **Dylan Nelson** Max Planck  
**Kate Rubin** SDSU **Joop Schaye** Leiden Univ.  
**Thaisa Storchi-Bergmann** UFRGS **Nicolas Tejos** PUCV

SEPTEMBER 19–21, 2019

Omni La Costa Resort & Spa  
Carlsbad, California

### NO CONFERENCE FEE

Partial travel support is available  
for grad students and postdocs.

Details and registration at  
[conference.gmto.org](http://conference.gmto.org)

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