

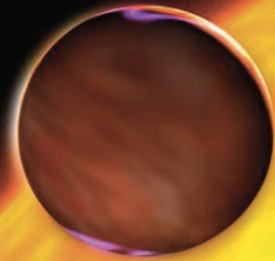
Welcome!

Crossing Boundaries in Planetary Atmospheres:

From Earth to Exoplanets



CHAPMAN CONFERENCE



Conveners:

Amy Simon-Miller

Tony Del Genio

AGU Meetings:

Lynn Ervin, Coordinator

**Cynthia Wilcox, Assistant
Director**

Organizing Committee:

Nancy Chanover

Athena Coustenis

Dave Crisp

Imke de Pater

Lisa Kaltenegger

Peter Read

Aki Roberge

Linda Sohl

Why are we all here?

- **A resurgence in fundamental studies of Earth's current, past, and future climate and circulation**
- **Maturing long-term planetary datasets and models now allow for climatological studies of solar system objects**
- **An explosion of discoveries of exoplanets and in studies of conditions for their habitability**
- **Much to be gained in each field by learning what is going on in the others and how each thinks about its major issues**
- **Toward that end, large blocks of discussion time in several different formats**
- **Build momentum for further cross-discipline interactions and collaborations**

Agenda for this afternoon

- 1:30-3:30: Small group breakout discussion
 - Taxonomy/classification schemes for solar system planets, exoplanets, Earth climates
 - Feasibility and desirability of generalized models that can be used for any planetary atmosphere
 - How do we deal with limitations in data (sampling, resolution, retrieval assumptions)?
 - Anything else that might lead to fruitful discussion
- 4:00-5:30: Reconvene in plenary, facilitators of subgroups report on discussions