



Stavros



Robin



Britney Schmidt

Attendees (16)	
▼ Hosts (1)	
Mike Toillion	
▼ Presenters (3)	
Britney Schmidt	
Robin	
Stavros	
▼ Participants (12)	
Avi Mandell	
David Des Marais	
David Ross	
JTGoodwin	
Lindsay Hays	
Mark A Ditzler	
Melissa	
Michael New	
Pauli Laine	
Shawn Domagal-Gold...	
Steve Vance	
Tony Del Genio	

Open Chat (Everyone)	
	wishes to respond over the phones, please start your webcam by clicking on the webcam icon at the top of the screen.
	Shawn Domagal-Goldman: That was a wonderful summary of our conversations. Nice job, Britney and Robin! ----- (10/31/2013 11:47) -----
	Shawn Domagal-Goldman: I think one of the high-priority questions with regards to "signatures" of habitability is determining what we can say about habitability given set of measurements, which provide little information (but for LOTS of planets), and with relatively high uncertainties for habitability assessment. Based on that, how can we best prioritize future, more detailed (and more expensive) measurements?
	Shawn Domagal-Goldman: (That's all for extrasolar planets) ----- (10/31/2013 11:50) -----
	Shawn Domagal-Goldman: HEAR HEAR!

Teleconference Instructions (Parti...	
	Teleconference Line: 866-692-3158 Passcode: 9109668# Please use *6 to MUTE your phone's mic when not speaking. More info: https://astrobiologyfuture.org

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Full Screen

{ Ice-Ocean Planets

- ⌘ How might processes on the planet mimic those on Earth or a terrestrial planet to sustain habitability?
- ⌘ What is the nature of the hydrosphere on icy or ocean planets?
- ⌘ What is the effect on the mineralogy of a planet if there is no rock-atmosphere cycle?
- ⌘ How does "geology" work on these worlds?
- ⌘ What is the heat budget within an icy or ocean world?

{ Ice-Ocean Planets

- ⌘ What is the role of oceanic composition and circulation (mixing, heat transfer, etc)?
- ⌘ Is there an atmosphere and how does it exchange with the ocean and interior?
- ⌘ What are potential reservoirs of prebiotic, biorelevant, or biologic materials?
- ⌘ What might a biochemical system on this planet look like?
- ⌘ Could late stellar stage warming initiate the origins of life? Could this be completed?

II. What are the fundamental ingredients and processes that define a presently habitable environment?