**Climate Workshop: Spaceborne Radar Sounding of Earth’s Ice and Snow**

**November 1-3, 2017 | NASA Jet Propulsion Laboratory, Pasadena, CA**

Room 321-617

**Agenda**

All sessions are plenary discussions, unless indicated as a talk.

Session titles are followed by the name of the moderator; talks by the speaker.

**Day 1 | Setting the Stage**

**Morning**

8.30: Welcome and Introductions

9.15:

Talk: “Past and future of JPL's ice sounding" – Young Gim

Talk: “Measuring ice: What's there already, what’s in the pipeline and what’s missing?” – Alex Gardner

10.00: What we're trying to do: Goals of the workshop, possible outcomes, paths forward – Ala Khazendar

10.30: Break

11.00: Technical opportunities, challenges, and scoping of possible instrument architectures – Dusty Schroeder

12.30: Lunch

**Afternoon**

1.30: Technical opportunities, challenges, and scoping of possible instrument architectures – Dusty

Talk: “ESA sounder concept feasibility study”—Jorgen Dall and Hugh Corr

3.00: Break

3.30: Lab tour/Adjourn

6.00: Dinner (Location TBD)

**Day 2 | Science and Measurement Requirements**

**Morning**

8.30: Day 1 Summary and Day 2 Plan – Ala

8.45: Science and measurement requirements: Ice-sheet thickness, bed topography and conditions/Ice-shelf marine ice and basal melting – Mathieu Morlighem

10.15: Break

10.45: Science and measurement requirements: Sea ice thickness and snow depth – Ben Holt

12.15: Lunch

**Afternoon**

1.15: Science and measurement requirements: Snow depth/water equivalent on ice sheets – TBD

2:45: Break

3.15: Prioritizing science objectives – TBD

4.15: Adjourn

6.00: Dinner (Location TBD)

**Day 3 | Reconciliation and Beyond**

8.30: Day 2 Summary and Day 3 Plan – Ala

8.45: Reconciling science objectives with possible instrument architectures – Dusty

10.30: Break

11.00: Reconciling science objectives with possible instrument architectures – Dusty

12.00: Path forward – Ala

1.00: Adjourn