

Europa Deep Geophysical Explorer (EDGE) planning meeting

Wednesday, February 22, 2012. Space Sciences Lab. University of California at Berkeley.

Room: SSL Addition, room 105, (a.k.a.) The Main Conference room

AGENDA

8:50 Welcome and logistics (de Pater)

Moderator: Steve Squyres

9:00 The rationale for the mission (Khurana)

9:30 What can we learn about Europa's interior from Gravity? (Bills, Margot, Schubert)

10:00 What can we learn from electromagnetic induction? (Khurana, Angelopoulos)

10:30 Ocean flow and characteristics from magnetic observations (Nimmo, Tyler, Glatzmaier)

Break 11:00 -11:30

Moderator: Krishan Khurana

11:30 How can plasma science help the science goals? (Sittler, Halekas, McPhadden, Delory)

12:00 How can energetic particle measurements help Science? (Paranicas, Larson, Cooper)

12:30 - 1:30 Lunch

1:30 How do 3D MHD and Hybrid simulations help the EDGE science goals? (Jia, Cooper, Khurana)

Moderator: Greg Delory

2:00 How to design light-weight instruments through radiation hardening? (Paschalidis, Bester)

2:30 Some thoughts on spacecraft and trajectory design (Imke, Vermeersen, Noomen, Gurvitz, Bester, Paschalidis, Khurana)

3:00 Science Objectives defined in order of Priority (All)

3:30-4:00 Break

Moderator: Steve Squyres

4:00 Science Payload defined: Mass, Power, bits/s, special needs (All)

5:00 Final discussion and Next moves (all)

5:30 Adjourn

Dinner at a local restaurant 6-8 PM