

“ARE THE MARTIAN POLAR DEPOSITS A ROSETTA STONE FOR THE CLIMATE?”

Sunday 26 October 2008

Events around the city: opera (Les Contes d'Hoffmann, Offenbach), Bern symphony orchestra (Schubert), special exhibit at the Paul Klee museum (Lost Paradise- A View of Angels)

All week

Events around the city: Tour of Bern 11:00 – 12:30 (meet at tourist info center in train station), Tour of the Zytglogge 14:30 – 15:20 (16th c. cuckoo-clock)

MONDAY 27 OCTOBER 2008: Visible Stratigraphy

8:30 – 12:00	<i>Arrive at ISSI, set up wireless account, do some work, sleep-off jet lag, etc.</i>	
12:00 – 12:20	Welcome to ISSI	Vittorio Manno
12:20 – 12:30	Opening remarks	Kate
12:30 – 14:00	<i>Lunch</i>	
14:00 – 14:30	North polar layer stratigraphy and implications for climate change	Kate
14:30 – 15:00	South polar stratigraphy	Ken H. & Shane
15:00 – 15:30	A statistical approach to north and south polar stratigraphy	Sarah
15:30 – 16:00	<i>Coffee break</i>	
16:00 – 16:30	Comparison between north and south layer stratigraphy and interrelationships between geologic units	Ken T.
16:30 – 16:45	Linking visible stratigraphy with climate	Mai
16:45 – 17:15	Discussion	

(Not present: Jack, François)

TUESDAY 28 OCTOBER 2008: Radar Stratigraphy

8:30	<i>ISSI open</i>	
9:00 – 9:30	Models for radar propagation in terrestrial and martian ice caps	Yuri
9:30 – 9:45	Radar data reduction	Ali
9:45 – 10:15	MARSIS results on polar stratigraphy	Jeff & Anton
10:15 – 10:45	SHARAD results on polar stratigraphy	Than
10:45 – 11:15	<i>Coffee break</i>	
11:15 – 11:45	Comparisons between radar and visible stratigraphy	Sarah
11:45 – 12:30	Discussion	
12:30 – 14:00	<i>Lunch</i>	

(Not present in morning: François)

Terrestrial Studies

14:00 – 14:30	Comparisons between martian and terrestrial radar stratigraphy	Jack
14:30 – 15:00	Radar stratigraphy of Greenland and Antarctica	Christine
15:00 – 15:30	Terrestrial ice core and climate change studies	Anders
15:30 – 16:00	<i>Coffee break</i>	
16:00 – 16:30	Discussion	
19:30	<i>Team dinner at local restaurant</i>	

Events around the city: 19:45 hockey match vs. Biel, 18:00-19:30 Tour of Bern's 18th C. Golden Age (meet at train station)

WEDNESDAY 29 OCTOBER 2008: Post-Depositional Effects on Radar and Visible Stratigraphy

8:30	<i>ISSI open</i>	
9:00 – 9:30	Evolution of the residual caps	Shane
9:30 – 10:00	Eolian modification of the polar deposits	Ken T.
10:00 – 10:30	Discussion	
10:30 – 11:00	<i>Coffee break</i>	
11:00 – 11:30	Effects of flow on visible and radar stratigraphy	Christine
11:30 – 12:00	Case example of flow in Gemina Lingula, Planum Boreum	Michelle

12:00 – 12:30	Evidence of tectonic and flow deformation in radar stratigraphy	Jack
12:30 – 14:00	<i>Lunch</i>	
14:15 – 15:15	Franck gives colloquium at Physikalisches Institut	
15:15 – 16:00	<i>Coffee break</i>	
16:00 – 16:30	Evidence of deformation in visible stratigraphy of the SPLD	Ken H.
16:30 – 17:00	Discussion	

(Not present: Nick)

THURSDAY 30 OCTOBER 2008: Connections with Climate

8:30	<i>ISSI open</i>	
9:00 – 9:30	The role of the polar deposits in climate modeling	François
9:30 – 10:00	Feedback between deposition/erosion of polar deposits and the climate	Franck
10:00 – 10:30	Ice stability models and implications for stability and age	Nick
10:30 – 11:00	<i>Coffee break</i>	
11:00 – 12:30	Discussion	
12:30 – 14:00	<i>Lunch</i>	
14:00 – 14:30	Wrap-up, discussion of papers to work on, next meeting, etc.	Kate
14:30 – 15:30	Tour of Physikalisches Institut, University of Bern	Nick

(Not present: Shane, Jack)

Events around the city: Shops in Bern are open late on Thursdays (some until 21:00).

Friday 31 October 2008 (*Happy Halloween!*)

Events around the city: Egger brewery in Worb (20 min. by train) sells fresh beer from a turn-of-the-century tap on the loading dock (until 18:00) – that's where Kate will be unless it's raining.

Saturday 1 November 2008

Events around the city: Craft market in front of the cathedral (until 16:00), Concert on the Gurten (Schola Cantorosa and Schwubs), 19:45 hockey vs. Lugano