

Plasma Coupling in the Auroral Magnetosphere – Ionosphere System (POLARIS)
3rd ISSI team meeting – to concentrate on the coupled M–I system
February 20–24, 2012, Bern, Switzerland

Confirmed attendance

Olaf Amm (FMI Helsinki, Finland), Maria Hamrin (Umeå Univ., Sweden), Tomas Karlsson (KTH Stockholm, Sweden), Octav Marghita (ISS Bucharest, Romania), Rumi Nakamura (IWF Graz, Austria), Joshua Semeter (Boston Univ., USA).

Students: Costel Bunescu (ISS Bucharest, Romania), Eugen Sorbalo (Jacobs Univ. Bremen, Germany).

Time slots

09:30 – 13:00 morning session (c.b. at 11:00 – 11:30)

13:00 – 14:30 lunch

14:30 – 18:00 afternoon session (c.b. at 16:00 – 16:30)

Monday morning: Introduction / Warm up

- Team, agenda, recap of the first two meetings (POLARIS status, website)
- Aurora and M–I coupling – from steady 1D to time-dependent 3D

Monday afternoon: Cluster – THEMIS – GBO (CTG) event from Feb. 25, 2008

- Data overview
- What can we learn from this event?
- Cluster, THEMIS, GBO: Further data processing steps
- Further data from Geotail and Double Star TC-2
- (to be continued on Tuesday morning?)

Tuesday morning: Cluster – MIRACLE events

- Selection of events
- Science question(s)
- Common features with the CTG event (?)

Tuesday afternoon: PFISR – THEMIS events

- Selection of events
- Science question(s)
- Common features with the CTG and / or Cluster – MIRACLE events (?)

Wednesday morning: CTG event

- Paper outline and assignments

Wednesday afternoon: Cluster–MIRACLE events

- Paper prospects. Assignments (?)

Thursday morning: PFISR – THEMIS events

- Paper prospects. Assignments (?)

Thursday afternoon: Wrap-up

- Further discussion of the papers and assignments
- Tentative timing of the next meeting (if there is any)
- Update of POLARIS status
- AOB

Friday: Further discussion of issues TBD

- CTG (?)
- Cluster – MIRACLE (?)
- PFISR – THEMIS (?)
- Others (?)

The tentative schedule above is meant to maximize the interaction during the 3 days of full attendance, Tuesday morning to Thursday afternoon, when all the 8 team members coming to Bern are present.