

## Tuesday, June 12

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- 15:00 – 20:00 Arrival and Registration  
18:30 – 20:30 Dinner  
20:30 – 23:00 Welcome Cocktail
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## Wednesday, June 13

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### 08:45 – 12:30 Plenary session

- 08:45 – 09:00 Opening word; Info  
09:00 – 09:45 **B. Klecker**, Solar-Terrestrial Relations: An Overview  
09:45 – 10:30 **J. Vogt**, Paleomagnetospheric processes  
10:30 – 11:00 Coffee Break  
11:00 – 11:45 **M. Scholer**, Hybrid and full particle electromagnetic simulations of collisionless shocks as applied to the Earth's bow shock  
11:45 – 12:30 **T. Karlsson**, Cluster observations of high-beta plasma blobs in the magnetosheath

### 12:30 – 14:30 Lunch Break

### 14:30 – 16:00 Focus group Boundary Layers

- 14:30 – 14:40 **G. Parks**, Introduction  
14:40 – 15:10 **C. Mazelle**, Ion properties at Earth's foreshock: recent achievements  
15:10 – 15:40 **F. Pitout**, Cluster survey of the mid-altitude cusp  
15:40 – 16:10 **E. Yordanova**, The evolution of intermittency in the magnetosheath turbulence downstream of a quasi-parallel bow shock  
16:00 – 16:30 Coffee Break  
16:30 – 17:00 **N. Brenning**, Plasmoid penetration across a magnetic barrier: scaling from laboratory experiments to impulsive penetration into the Earth's magnetosphere  
17:00 – 17:30 **H. Nilsson**, The role of centrifugal acceleration near the magnetopause boundary  
17:30 – 18:00 **A. Kis** (TBD)

### 14:30 – 16:00 Focus group Modeling

- 14:30 – 14:40 **J. Lemaire**, Introduction  
14:40 – 15:10 **H. Lamy**, Exospheric models of the solar wind  
15:10 – 15:40 **N.R. Minkova**, Multiparticle statistical approach to solar wind modeling (TBC)  
15:40 – 16:10 **A. R. Barakat**, Monte-Carlo simulations of space plasma outflow  
16:00 – 16:30 Coffee Break  
16:30 – 17:00 **A. R. Barakat**, Difficulty of Adding Coulomb Collisions in Monte Carlo Simulations  
17:00 – 17:30 **V. Pierrard**, Fokker-Planck modeling of the solar and polar wind flow  
17:30 – 18:00 **P.-L. Blelly**, Application of multi-moment transport equations to space plasmas simulation

### 19:30 – 21:00 Dinner

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## Thursday, June 14

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- 08:45 – 12:30** **Plenary session**  
**09:00 – 10:30** STIINTE projects (I)  
**10:30 – 11:00** Coffee Break  
**11:00 – 12:30** STIINTE projects (II)  
**12:30 – 14:00** Lunch  
**14:00 – 22:00** Excursion and Workshop dinner
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## Friday, June 15

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- 08:45 – 12:30** **Plenary session**  
**09:00 – 09:45** **C. P. Escoubet**, The mid-altitude polar cusp as seen by Cluster  
**09:45 – 10:30** **G. Parks**, (TBD)  
**10:30 – 11:00** Coffee Break  
**11:00 – 11:45** **M. Roth**, Kinetic modeling of discrete auroral arcs  
**11:45 – 12:30** **G.T. Marklund**, Auroral investigations by sounding rockets and satellites below, within, and above the auroral acceleration region  
**12:30 – 14:30** Lunch Break  
**14:30 – 16:00** **Focus group Aurora**  
**14:10 – 14:40** **J. Vogt**, Introduction  
**14:40 – 15:10** **O. Marghitu**, Auroral Electrodynamics on Arc and Oval Scales  
**15:10 – 15:40** **O. Marghitu**, Investigation of Energy Conversion and Transfer in the Auroral Magnetosphere by Multi-Point Observations  
**16:00 – 16:30** Coffee Break  
**14:30 – 16:00** **Focus group Techniques**  
**16:30 – 16:40** **S. Haaland**, Introduction  
**16:40 – 17:10** **S. Haaland**, Discontinuity Analysis with Cluster  
**17:10 – 17:40** **A. Blåg au**, Timing technique for determining the crossing parameters of a 2D, non-planar magnetopause  
**17:40 – 18:10** **D. Constantinescu**, Extreme Conditions for Wave Detection with Sensor Arrays  
**14:30 – 16:00** **Focus group Modeling**  
**14:30 – 15:00** **R. W. Schunk** (presented by **A.R. Barakat**), Generalized Transport Equations and Distribution Functions for Space Plasmas  
**15:00 – 15:30** ** . Lie-Svendsen**, Using kinetic theory to improve fluid equations for fully ionized gases  
**15:30 – 16:00** **S.W.Y. Tam**, Self-Consistent Hybrid Model: Applications to the Polar and Solar Winds  
**16:00 – 16:30** Coffee Break  
**16:30 – 17:00** **N.R. Minkova**, Paired velocity distributions in the solar wind (TBC)  
**17:00 – 17:30** **M.M. Echim**, Decoupling of a diamagnetic plasma blob from background magnetic field and plasma  
**17:30 – 18:00** **J. Lemaire** and **M. Echim**, Conclusions

19:30 – 21:00 Dinner

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## **Saturday, June 16**

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09:00 – 10:30 Closing Session

10:30 – 11:00 Coffee

12:00 Departure

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