

Dr. A. Bcdef

Bern, September 2009

**ISSI Workshop on
Coupling Between the Earth's Atmosphere and Its Plasma Environment
in Bern, Switzerland, 27 September to 1 October 2010**

Dear Dr. Bcdef,

With this letter we should like to invite you to participate and play an active role in a workshop on *Coupling Between the Earth's Atmosphere and Its Plasma Environment*, which is organised and sponsored by the International Space Science Institute (ISSI) in Bern, Switzerland, and will be held on 27 September to 1 October 2010. [For information about ISSI please refer to our homepage at <http://www.issibern.ch>.]

The convenors for the workshop are Prof. Tilman Bössinger (University of Oulu, Finland), Dr Bodil Karlsson (University Stockholm, Sweden and LASP, CU, Boulder, USA), Professors James LaBelle (Dartmouth College, Hanover NH, USA), Hermann Opgenoorth (University of Uppsala, Sweden), Jean-Pierre Pommereau (University of Paris VII, Jussieu, France), Kazuo Shiokawa (STELAB, Nagoya University, Japan), Stanley Solomon (NCAR, Boulder CO, USA), Lennart Bengtsson (ISSI, Bern, Switzerland) and Rudolf A. Treumann (Munich University, Germany).

This Workshop intends to bring together researchers from two separate Earth disciplines, its atmospheric and the plasma environments, in order to discuss the coupling between the two in view of the exchange of momentum and energy. It is anticipated that the workshop will lead to a better understanding of common fundamental questions in the interrelation of the three envelopes of Earth, the atmosphere, the ionosphere and the magnetosphere. It is also anticipated that the workshop touches the possible sensitive problems of atmospheric as well as iono-magnetospheric climatic effects of a coupling between these regions.

Participation at this workshop is by personal invitation only. The convenors have endeavoured to create a list of participants who are currently very active in this field and who will cover the relevant topics. A significant number of invitees have already accepted to make an oral contribution at the Workshop.

ISSI offers to cover your subsistence costs (hotel and meals) while in Bern. However, we are not in a position to cover your travel costs. If you can accept this invitation we ask you to kindly fill in the registration form attached to the circular.

A printed volume will be published after the workshop in the *Space Sciences Series of ISSI* by Springer Verlag (see <http://www.issibern.ch/publications>). The volume will be issued both as a hardcover book in our series and also as an issue of the journal *Space Science Reviews*. We expect that papers will be due about 4 months after the workshop so they can reflect the discussions during the workshop. This volume is NOT intended to be the proceedings of the Workshop, but a collection of in-depth papers inspired by contributions and discussions at the Workshop. All papers will be peer reviewed. The SSRv journal issue and SSSI volume are expected to appear about 12 months after the workshop.

We hope very much that you will be able to attend this workshop and contribute to the volume as described above. Rudolf Treumann is the responsible local organiser, and at ISSI Mrs. Brigitte Schutte (schutte@issibern.ch) will deal with all matters such as reservations, reimbursements, etc. We will contact you again with a second circular giving more detailed information about the workshop and the accommodation in Bern.

We are looking forward to welcoming you to ISSI at the workshop.

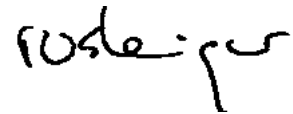
With best regards,
Yours sincerely,



Roger M. Bonnet
Executive Director



Lennart Bengtsson
Director Earth Science



Rudolf von Steiger
Director

Attachments:

1. First Circular
2. Programme of Workshop