



UNITED NATIONS OFFICE AT VIENNA OFFICE DES NATIONS UNIES A VIENNE

**UN/ESA/NASA/JAXA Workshop on  
the International Heliophysical Year 2007 and Basic Space Science  
“First Results of IHY 2007”  
hosted by the Solar-Terrestrial Influences Laboratory  
at the Bulgarian Academy of Sciences  
on behalf of the Government of Bulgaria  
(02-06 June 2008, Sozopol, Bulgaria)**

**ANNOUNCEMENT**

**1. Background of the Workshop**

Since 1991, the United Nations Office for Outer Space Affairs, in cooperation with the European Space Agency, has been carrying annual Workshops on Basic Space Sciences (UNBSS), particularly for the benefit of scientists from developing nations. Beginning in 2005 the workshops have focused on the world-wide preparations for the International Heliophysical Year 2007 (IHY2007 - <http://ihy2007.org>), in cooperation with the National Aeronautics and Space Administration, and the IHY Secretariat. The IHY programme will run between March 2007 and March 2009.

The 2008 UN/ESA/NASA/JAXA Workshop will be the first of the UNBSS-IHY workshops to review the initial results of the IHY program. The Workshop has been endorsed by the United Nations General Assembly as part of the 2008 activities of the programme of the United Nations Office for Outer Space Affairs.

**2. Information and Indication of Interest Form Available on the World-Wide-Web**

The workshops in this series strive to attain a balance of participants between geographical regions and areas of scientific expertise. Updated information and information material on IHY can be obtained via the World-Wide-Web at <http://ihy2007.org>

Scientists interested in participating in the workshop must fill in a pre-registration form available on the WWW site at <http://www.stil.bas.bg/UNBSS-IHY/>.

Financial assistance is available to a limited number of participants. Individuals who wish to apply for financial assistance must submit the Application form and the Travel estimate available at <http://www.stil.bas.bg/UNBSS-IHY/>

**3. Key Dates for the Workshop**

Deadline for Applications	01 February 2008
Notification to Authors	01 April 2008
Registration	01 May 2008
Workshop	02-06 June 2008

#### **4. Local Organizer of the Workshop**

Solar-Terrestrial Influences Laboratory of the Bulgarian Academy of Sciences

Contact Person:

Dr. Katya Georgieva Solar-Terrestrial Influences Laboratory Bulgarian Academy of Sciences  
Bl.3 Acad. G. Bonchev Str. 1113 Sofia, Bulgaria  
Phone: +359-2-9793432 Fax: +359-2-700178  
Email: [kgeorg@bas.bg](mailto:kgeorg@bas.bg); Web: <http://www.stil.bas.bg/UNBSS-IHY/>

#### **5. Venue of the Workshop**

The workshop will be held in Sozopol, Bulgaria.

#### **6. Programme of the Workshop**

During the workshop, both plenary and parallel sessions are foreseen, and additional working group sessions will be held to assess the past achievements and develop future activities. The scientific sessions will start with a number of tutorial lectures to introduce the broad scope of UNBSS/IHY.

The workshop will be structured around the following topics:

1. Participation of nations in project development for heliophysical space missions and supporting low-cost ground-based instrument array initiatives for world-wide studies in space science.

The Workshop will continue the work initiated during the first workshop on the International Heliophysical Year 2007 and Basic Space Science in the United Arab Emirates in 2005 (<http://www.ihy.uae.ac.ae/>), the second workshop in India in 2006 (<http://www.iiap.res.in/ihy/>), and the third workshop in Japan in 2007 ([http://solarwww.mtk.nao.ac.jp/UNBSS\\_Tokyo07/](http://solarwww.mtk.nao.ac.jp/UNBSS_Tokyo07/)) in taking space science instrumentation, observation, and education to the developing nations of the world.

2. Access to data of the Sun-Earth system from ground-based and space-borne facilities through data archives and virtual observatories.

An important feature of the workshop is introducing data bases and relevant software tools that can promote space science activities. There have been enormous number of space missions that have been accumulating large amounts of scientific data. Similarly, long-term data bases are available from ground based observations. These data can be utilized in ways different from originally intended for understanding the heliophysical processes. One of the goals of the workshop is to identify such data bases and make them available to the world community with necessary software tools so that scientists from developing countries can benefit from them.

### 3. First results from the International Heliophysical Year.

The scientific sessions of the Workshop will emphasize on the progress in the development of the basic science of heliophysics and in our understanding of the heliophysical processes that govern the Sun, Earth and heliosphere. Papers are welcome in all disciplines included in IHY's scientific activities:

- Solar Physics
- Planetary Magnetospheres
- Heliosphere and Cosmic Rays
- Planetary Ionospheres, Thermospheres and Mesospheres, and Upper Atmospheres
- Climate Studies
- Heliobiology

Authors should state clearly for which programme topic the paper is intended. Contributions that highlight interdisciplinary issues are particularly encouraged. Poster sessions will be organized for the duration of the workshop. Authors are also requested to include with their submission a short, not longer than half-a-page, biography. These will serve as the presenter's introduction prior to the session in the workshop.

Abstracts of no more than 600 words must be headed by the (i) Title, (ii) Author(s) Name(s), (iii) Institutional Affiliation(s), and (iv) Email Address(s). Abstracts must be submitted BOTH through the online submission form at <http://www.stil.bas.bg/UNBSS-IHY/>, and in electronic format to Ms. Ayoni Oyenevina, United Nations Office for Outer Space Affairs, e-mail: [Ayoni.Oyenevina@unvienna.org](mailto:Ayoni.Oyenevina@unvienna.org)

### **7. Selection of Participants**

Participants will be selected by the co-sponsors of the workshop, through the Local Organizing Committee and the International Scientific Organizing Committee, on a competitive basis from those who meet the qualifications provided in the Application Form.

### **8. Financial Arrangements**

Within the limited funds available to the co-sponsors, a number of selected participants from developing countries and countries with economies in transition will be offered financial support to attend the workshop. Funded participants will be provided with a round-trip air ticket between their international airport of departure to Burgas, Bulgaria, and/or full board in Sozopol. Any cost associated with en-route expenses or any changes made to the air ticket must be borne by the participants.

### **9. Language of the Workshop**

English will be the working language for the workshop.

## **10. Visa Requirement and Related Topics**

Potential workshop participants are advised to check with the embassy/consulate of Bulgaria for obtaining the visa, if required.

Note that adequate health insurance is the responsibility of the participants.

## **11. Registration Fee**

There is no registration fee to participate at and contribute to this workshop.

## **12. International Scientific Organizing Committee (ISOC)**

Al-Naimiy, H., Sharjah University, UAE  
Davila, J., IHY/NASA, Washington, DC, USA  
Georgieva, K., STIL-BAS, Bulgaria (Co-chair)  
Gimenez, A., European Space Agency  
Gopalswamy, N., IHY/NASA, Washington, DC, USA (Co-chair)  
Hanslmeier, A., Graz University, Austria  
Haubold, H.J., United Nations (Co-chair)  
Mandrini, C., CONICET-UBA, Argentina  
Ozguc, A., Kandilli Observatory, Turkey  
Potgieter, M., North-West University, South Africa  
Sakurai, T., National Astronomical Observatory of Japan  
Schmieder, B., Paris Observatory, France  
Stamper, R. IHY/CIP, Rutherford Laboratories, UK  
Stepanov, A., Pulkovo Observatory, Russia  
Thompson, B., IHY/NASA, Washington, DC, USA

## **13. Local Organizing Committee (LOC)**

Marusja Bachvarova  
Dimitar Danov  
Radka Dimitrova  
Katya Georgieva – Chair  
Boian Kirov - Organizing Secretary  
Jordanka Semkova  
Julia Stamboliiska  
Peter Tonev