



## **The International Heliophysical Year (IHY): Update on the Education and Public Outreach Program – A Global Approach**

M. Rabello-Soares (1), C. Morrow (2)

(1) Stanford University [csoares@sun.stanford.edu/650-725-2333], (2) Space Science Institute [camorrow@colorado.edu]

The International Heliophysical Year (IHY) 2007 is a scientific program of international cooperation that builds on the success of the International Geophysical Year of 1957. Through organized education and public outreach activities, the science community has a unique opportunity to reach out to students and the public around the world. IHY is well placed to stimulate global interest and participation in science and inspire a new generation of scientists and engineers.

The IHY disciplines are solar, solar-terrestrial, heliospheric, climate, and atmosphere/ionosphere/magnetospheric sciences. Education plans include deployment of ground-based scientific instruments in 191 countries of the world, via the United Nations Basic Space Science Instrument Initiative (INBSSI). Scientists, educators, and students in developing nations receive instruments at no cost and have the opportunity to contribute to important and relevant science. Projects include the ability to share data worldwide.

Realizing this potential requires coordination between scientists, educators, organizations such as the EGU and AGU, and nations. Our presentation will focus on status, plans, and projects of the Education and Public Outreach Program of the IHY 2007 and how these are being implemented in a global environment.

<http://ihy.gsfc.nasa.gov/outreach.shtml>