



Meeting of the Americas
Iguassu Falls, Brazil
8-13 August

Earth - Oceans - Atmosphere - Space - Planets



Venue: Convention Center of Rafain Palace Hotel, Foz do Iguassu, PR

PROGRAM & CALL FOR ABSTRACTS

GLOBAL CHANGE & NATURAL HAZARDS

With this central theme and an expected presence of over 2000 geoscientists from all over the world, the Organizing Committee of the American Geophysical Union (AGU) *Meeting of the Americas 2010*, invites the Brazilian Earth's Sciences community to submit abstracts and to enjoy the rare opportunity to attend an AGU meeting in our country, amongst the spectacular sceneries of the Iguassu Falls.

The Meeting of the Americas is taking place for the first time in South America. This event is organized by AGU and sponsored by 19 scientific societies, 16 from Latin America, 1 from North America and 2 international. The meeting is organized in a multidisciplinary format and covers 18 different disciplines addressing topical issues about the Earth's System Science. The Iguassu Falls meeting follows the successful Montreal (2004), New Orleans (2005), Baltimore (2006), Acapulco (2007), Fort Lauderdale (2008) and Toronto (2009) meetings.

Co-chairs: **Peter Swart**
University of Miami - USA

Marcelo Assumpção
USP - Brazil

SCIENTIFIC PROGRAM

More than 660 conveners from different continents: 280 Latin America, 270 USA and Canada, 90 Europe and 20 Asia/Australia, will chair 244 sessions distributed in 19 sections:

- **A** Atmospheric Sciences **(27)**⁺
- **B** Biogeosciences **(21)**
- **C** Cryosphere **(1)**
- **GC** Global & Environmental Change **(9)**
- **H** Hydrology **(14)**
- **PP** Paleoceanography & Paleoclimatology **(11)**
- **OS** Ocean Sciences **(25)**
- **P** Planetary Sciences **(8)**
- **NH** Natural Hazards **(10)**
- **IN** Earth and Space Informatics **(5)**
- **ED** Education and Human Resources **(8)**
- **SP** Space Physics **(25)**
- **NS** Near Surface Geophysics **(7)**
- **G** Geodesy **(7)**
- **GP** Geomagnetism and Paleomagnetism **(20)**
- **S** Seismology **(12)**
- **T** Tectonophysics **(11)**
- **VP** Volcanology, Geochemistry & Petrology **(10)**
- **U** Union* **(14)**

*interdisciplinary sessions

()⁺ number of sessions

**TO SEE THE COMPLETE LIST OF SESSIONS, DESCRIPTION
AND CONVENERS**

http://www.agu.org/meetings/ja10/program/scientific_session_search.php

TO SUBMIT AN ABSTRACT

http://www.agu.org/meetings/ja10/program/abstract_submissions.php

TO VIEW THE PROGRAM COMMITTEE

<http://www.agu.org/meetings/ja10/program/program-committee.php>

ABSTRACT DEADLINE: MARCH 31ST

PLENARY LECTURES

Impacts of Climate Change in South America

Professor Carlos Nobre

INPE-MCT, Member of United Nations IPCC

12th August, 2010 (Thursday)

**By end of April, other plenary lectures will be defined and announced by AGU Program Committee*

TOWN HALL MEETING

Outstanding Problems Concerning the Deep Structure of the South American Lithosphere: A Prospectus for Future Geophysical Surveys

**Larry Brown (Univ. Cornell), Reinhardt Fuck (UnB),
Susan Beck (Univ. Arizona), Monica Heilbron (UERJ)**

The South American continent and its margins embody major unresolved issues of global importance to understanding lithospheric structure and evolution. However, deeper geophysical surveys are still relatively few in number for such a vast domain. In this town-hall meeting we intend to provide a forum for the articulation and discussion of the diverse geological and geodynamic problems that future deep geophysical surveys might address, as well as the potential for a systematic program along the lines of EarthScope or Lithoprobe for South America.

COURSES

- Course 1** Short Course in Paleomagnetism (August 13th, Friday)
Lecturer: Lisa Tauxe (University of California, San Diego)
- Course 2** GIFT (**G**eophysical **I**nformation for **T**eachers):
Training Workshop for Teachers (8th and 9th August)
Organized by Michael Passow (LDEO-Columbia University), Celso Dal Ré Carneiro (Unicamp), Nisia Krusche (FURG) with invited lectures by other scientists
- Course 3** Introduction to Seismic Processing with GêBr (August 8th, Sunday)
Lecturers: Ricardo Biloti and Luiz Alberto D´Afonseca (Unicamp)
- Course 4** Earth System Data Access, Use and Sharing (August 8th, Sunday)
Lecturers: Tom Yoksas (Unidata Program Center/UCAR, USA), Waldenio Gambi de Almeida (INPE, Brazil), Luis Farfan (CICESE, Mexico), Guilherme Chagas (Univ. de Aveiro, Portugal)
- Course 5** Managing Waveform Data and Related Metadata for Seismic Networks
August 13th-19th, Bella Italia Hotel
Organized by IRIS (Incorporated Research Institutions for Seismology) and co-sponsored by CERESIS and IASPEI.

<http://www.geophysics2010.org/courses.htm>

TECHNICAL VISITS

Technical visit to Itaipu DAM-I

Geology and Geotechnics

Technical visit to Itaipu DAM-II

Hydrology

FIELD TRIPS

Field Trip 1 : Impact Craters in Basalts

2-day field trip planned as a post-conference activity

Field Trip 2: Visiting LBA site in the Amazon

Pre-conference

Field Trip 3: Geological excursion through Parana Magmatic Province

5-day trip planned as a pre-conference activity

<http://www.geophysics2010.org/trips.htm>

EDUCATION AND OUTREACH ACTIVITIES

During the conference, the Foz do Iguassu school teachers and students will have the opportunity to enjoy several activities related to Earth and Space Sciences, sponsored by the Brazilian Geophysical Society (SBGf).

1. Mobile Science of CienTec (Parque de Ciências e Tecnologia da USP), a truck carrying scientific experiments and equipments will be parked at the Convention Center parking lot and local students will come to visit and learn more about Earth sciences. Organizers: Marta Mantovani and Ailton Bassini (USP).

2. What is Geophysics?, this open-air exposition is focused in attracting local students to pursue careers in Geophysics and related subject in Earth and Space sciences, using reduced-scale models and posters to show Geophysics as science and profession. Organizers: Ellen Gomes and Cicero Régis (UFPA).

EXHIBITORS

An Exhibitors Hall is organized and booths are already being offered to companies, universities, governmental organizations, book-stores, and major sponsors.

Confirmed exhibitors are:

CBPM (Cia. Baiana de Pesquisa Mineral)

Mineropar (Mineração do Paraná)

Kinematics (USA)

Nanometrics (Canada)

Refraction Technology (USA)

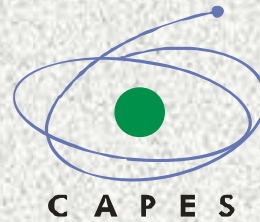
**Information on booths and sponsorship
contact Eventus (Fernanda Araujo).**



eventus

**Information: +55 11 3361-3056
eventus@eventus.com.br**

SPONSORS



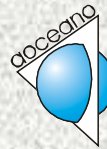
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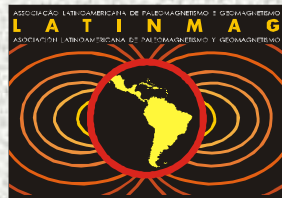
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