

## GEOPHYSICS

➤ ASEG-PESA 2015 — 24th International Geophysical Conference and Exhibition

Dates	15 Feb 2015 → 18 Feb 2015
Location	Perth, Australia
Abstract	The conference is the premier exploration geophysical conference in the southern hemisphere, and will draw upon partnerships with many international partner societies. It is a world-recognised industry forum in which to present and learn about the newest geophysical and geological techniques and practices in mineral and petroleum exploration, and geotechnical and environmental geophysics.
Topics	geophysics, exploration, mineral, petroleum, environmental, geotechnical
Weblink	<a href="http://www.conference.aseg.org.au/">http://www.conference.aseg.org.au/</a>
Contact	ASEG-PESA 2015 Conference Secretariat ; Phone: [+61 8 9389 1488]; Email: ASEG-PESA2015@eecw.com.au

➤ AGU-GAC-MAC-CGU Joint assembly 2015

Dates	03 May 2015 → 07 May 2015
Location	Montreal, Canada
Weblink	<a href="http://ja.agu.org/2015/">http://ja.agu.org/2015/</a>
Related subject(s)	<a href="#">Mineralog</a>

Workshop on Earthquakes in the Zagros-Makran region: from Mechanics to Mitigation

Dates	21 May 2015 → 31 May 2015
Location	Tehran, Iran
Organizer	The Abdus Salam International Centre for Theoretical Physics
Weblink	<a href="http://www.ictp.it/scientific-calendar.aspx?start_date=01/01/2015&amp;end_date=31/12/2015">http://www.ictp.it/scientific-calendar.aspx?start_date=01/01/2015&amp;end_date=31/12/2015</a>

Related [Courses and Events for Physics Students](#)  
subject(s)

➤ 77th EAGE Conference & Exhibition 2015 - Earth Science for Energy and Environment

Dates 01 Jun 2015 → 04 Jun 2015

Location Madrid, Spain

Abstract Madrid has been chosen to host the 77 th EAGE Conference & Exhibition 2015. The 77 th EAGE Conference & Exhibition 2015 is the largest and most comprehensive geoscience event in the world. The programme consists of a large conference and a technical exhibition presenting the latest developments in geophysics, geology and reservoir/petroleum engineering.

Weblink <http://www.eage.org>

Related subject(s) [Petrochemistry and Petrochemical Industry](#)

➤ IUGG — XXVI General Assembly of the International Union of Geodesy and Geophysics

Dates 21 Jun 2015 → 01 Jul 2015

Location Prague, Czech Republic

Weblink <http://www.iugg2015prague.com/>

➤ Near-Surface Geophysics Asia Pacific Conference 2015

Dates 07 Jul 2015 → 10 Jul 2015

Location Waikoloa, United States

Abstract Near-Surface Geophysics Asia Pacific Conference 2015 will focus on near-surface issues within the entire Pan-Pacific region. This conference will provide a world-class forum for your new technical advances, developments, and applications in near-surface geophysics. Submission of papers covering theoretical developments and case histories in the broad topic of near-surface geophysics, are welcome, including: - Shallow Seismology - Ground Penetrating Radar - Electric, EM and NMR Methods - Engineering Geophysics - Mining and Geothermal Exploration - Remote Sensing and Lidar Applications - Hydrogeophysics - Rock and Soil Properties - Borehole Geophysics - Modeling and Inversion - Geophysical Instruments In addition, given that this year's venue is located on the Hawaiian volcanic chain we will take the opportunity to highlight geophysical applications to natural hazards with a focus on volcano geophysics. Special sessions are planned for volcano characterization and monitoring, imaging and stratigraphy of pyroclastic flows, geophysical applications to tsunamis, and passive/micro seismic methods for near-surface applications.

Weblink <http://www.seg.org/events/upcoming-seg-meetings/2015/ns-asia-pacific-2015>

➤ 17th annual conference of the International Association for Mathematical Geosciences

Dates 05 Sep 2015 → 13 Sep 2015

Location Freiberg, Germany

Abstract The 17th annual conference of the International Association for Mathematical Geosciences IAMG'2015 takes place 5th-13th of September 2015 in Freiberg, Germany. The scientific sessions will be held on September 7-10. Acceptance is based on short abstracts.

Weblink <http://www.iamg2015.de/>

Related subject(s) [Applied Mathematics \(in general\)](#)

## METEOROLOGY

- 3rd international symposium on "Effects of climate change on the world's oceans"

Dates 23 Mar 2015 → 27 Mar 2015

Location Santos, Brazil

Abstract The Third International Symposium on the Effects of Climate Change on the World's Oceans will be held in Santos (Brazil) by invitation of the Oceanographic Institute of the University of São Paulo (IOUSP) demonstrating the engagement and commitment of Brazil to the recommendations of the 2012 United Nations Conference on Sustainable Development, Rio+20. This symposium will provide opportunities for the international science community to bring the latest information, understanding and assessment of the impacts of climate change on our oceans. Twelve sessions covering different but interconnected themes have been selected, from physical processes and their interaction with ecosystem dynamics, to resource provision and ocean governance. The latest developments in predicting changes in biodiversity, phenology, fisheries and ecosystems as well as in the physical systems that sustains these, will inform discussions on the risks and opportunities that climate change will bring to coastal communities and to society at large. The symposium will also highlight knowledge gaps to stimulate the development of the new generation of science of climate change impacts on our oceans.

Weblink [http://www.pices.int/meetings/international\\_symposia/2015/2015-Climate-Change/scope.aspx](http://www.pices.int/meetings/international_symposia/2015/2015-Climate-Change/scope.aspx)

Related subject(s) [Oceanography](#); [Agronomy, Food Production and Food Chemistry](#)

- ICTP Regional Climate Model — REGCM Training Workshop for Southeast Asia

Dates 13 Apr 2015 → 17 Apr 2015

Location Manila, Philippines

Organizer The Abdus Salam International Centre for Theoretical Physics

Weblink [http://www.ictp.it/scientific-calendar.aspx?start\\_date=01/01/2015&end\\_date=31/12/2015](http://www.ictp.it/scientific-calendar.aspx?start_date=01/01/2015&end_date=31/12/2015)

Related subject(s) [Courses and Events for Physics Students](#); [Modeling and Simulation](#)

➤ 47th International Liege Colloquium on Ocean Dynamics

Dates 04 May 2015 → 08 May 2015

Location Liege, Belgium

Abstract The aim of the colloquium is to bring together scientists in order to identify the most critical scientific improvements to be brought to these modelling and monitoring systems for marine environmental predictions and assessments. The colloquium will give the community an opportunity to express scientific needs and priorities based on experience from years of ocean observations and forecasting.

Weblink <http://modb.oce.ulg.ac.be/colloquium/>

➤ MetroAeroSpace — 2015 IEEE Metrology for Aerospace

Dates 04 Jun 2015 → 05 Jun 2015

Location Benevento, Italy

Abstract MetroAerospace aims to gather people who work in developing instrumentation and measurement methods for aerospace. Attention is paid, but not limited to, new technology for metrology-assisted production in aerospace industry, aircraft component measurement, sensors and associated signal conditioning for aerospace, and calibration methods for electronic test and measurement for aerospace.

Weblink <http://www.metroaerospace.org>

➤ International Conference on Urban Climate (ICUC) 2015

Dates 20 Jul 2015 → 24 Jul 2015

Location Toulouse, France

Abstract These meetings are preeminent events for the presentation of research on the urban climate effect at all scales and have set important benchmarks for the development of the field. The aims of this conference are to provide an international forum where the world's urban climatologists can discuss modern developments in research, and the application of climatic knowledge to the design of better cities. The focus of ICUC9 will be put on the recent scientific activities on Climate change mitigation & adaptation in urban environments, as well as on the transfer to institutional stakeholders and urban planners to include urban climate considerations in their practices.

Weblink <http://www.meteo.fr/cic/meetings/2015/ICUC9/index.html>

Related subject(s) [Electronic Engineering; Ecosystems, Environment and Sustainable Development](#)

➤ ICTP Workshop on Past and Future Climate Shifts

Dates 16 Nov 2015 → 20 Nov 2015

Location ICTP Trieste, Italy

Organizer The Abdus Salam International Centre for Theoretical Physics

Weblink [http://www.ictp.it/scientific-calendar.aspx?start\\_date=01/01/2015&end\\_date=31/12/2015](http://www.ictp.it/scientific-calendar.aspx?start_date=01/01/2015&end_date=31/12/2015)

Related subject(s) [Courses and Events for Physics Students](#)

➤ 2nd Symposium of the Committee on Space Research: Water and Life in the Universe “COSPAR 2015

Abstract Deadline:

31 May 2015

Scientific Program Chair:

Dr. Othon Winter, UNESP – São Paulo State University

Topics:

- Space astronomy missions to detect ingredients for life and exoplanets in the universe: status of current and future approved missions and new proposals
- Water and life in the universe and on Earth: impact on human consciousness and societies
- Satellite and probe missions for water remote sensing on Earth, planets, and other celestial bodies
- Water and Life in the Solar System
- Water from chemical, biological, and physical perspectives
- Role of water from the ground to the upper atmosphere
- Astrobiology: habitability, synthesis of organics in ice, and prebiotic chemistry in liquid water
- Water, organics and life support for human exploration in low Earth orbit, the Moon and beyond
- Interdisciplinary lectures, keynote talks, public lectures

Selected papers published in *Advances in Space Research* and *Life Sciences in Space Research*, fully refereed journals with no deadlines open to all submissions in relevant fields.