



Asia Oceania Geosciences Society
www.asiaoceania.org

**7th Annual Meeting of the
 Asia Oceania Geosciences Society and
 Geosciences World Community Exhibition**

7th Annual Meeting

AOGS

5 to 9 July 2010

Hyderabad

**Hyderabad International
 Convention Centre, India**

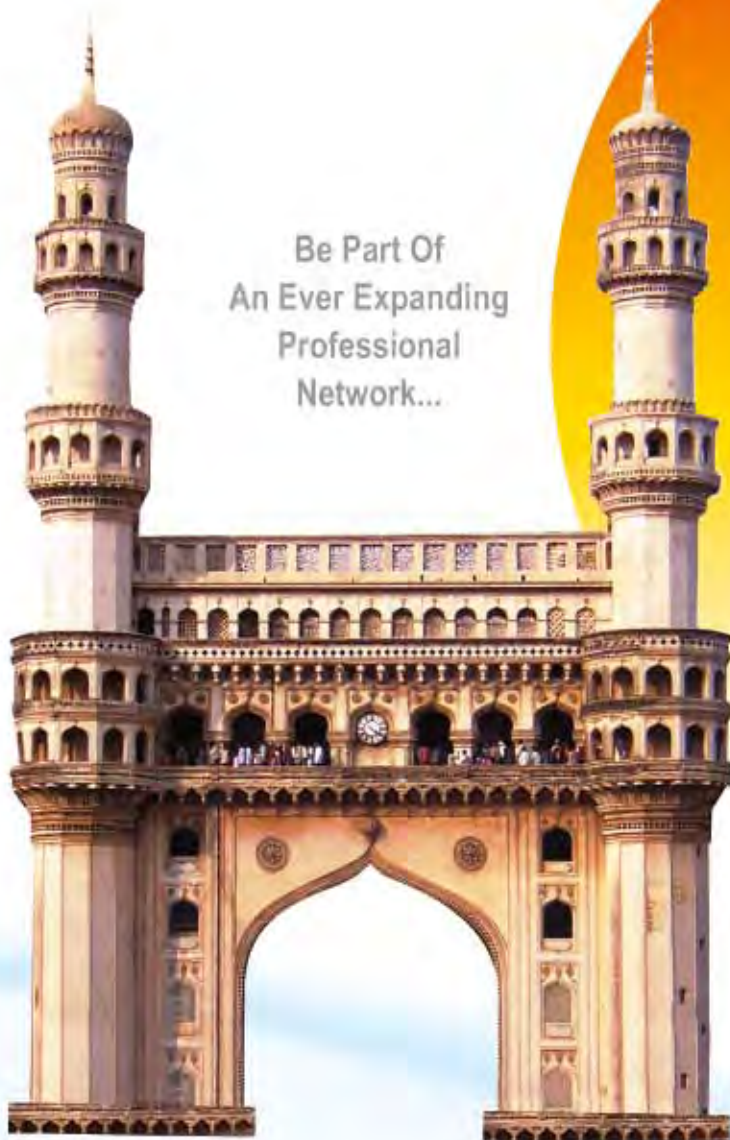
**Proudly hosted by
 The Indian Geophysical Union**

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**www.asiaoceania.org
 email: info@asiaoceania.org**

AOGS... in Asia for Asia and the World



Be Part Of
 An Ever Expanding
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 Network...



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C/o Meeting Matters International
 25 Hindoo Road, Singapore 209116
 Tel: +(65) 6341 7229 Fax: +(65) 6341 7269
www.meetmatt.net

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Hyderabad International
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Invitation

Dear AOGS Members and Geoscientists,

Join us in Hyderabad, India for the 7th Annual Meeting of the Asia Oceania Geosciences Society, taking place from 5th to 9th July, 2010 at the Hyderabad International Convention Centre (HICC). HICC is India's largest convention facility.

AOGS conference has experienced tremendous growth and opportunities during the last three annual meetings in 2007, 2008 and 2009. The society also gained immeasurable prominence from our overseas meetings. These are: AOGS2007 in Bangkok and AOGS2008 in Korea.

AOGS annual meetings provide excellent opportunities for academic exchange, information and knowledge sharing. Through this, we seek to further engage more geoscientists in Asia Oceania and especially from India, the host country.

The Geosciences World Community Exhibition is the major accompanying event to the scientific meeting. In addition to exhibits on products, services and commercial applications, the exhibition also includes an educational showcase by top universities with notable programs in geosciences.

We invite you to present the results of your research, expand your professional network and showcase your discoveries, products and services at AOGS2010 in Hyderabad, India.





About AOGS

The Asia Oceania Geosciences Society, or AOGS for short, is an international society established since 2002; formed by like-minded individuals to promote geophysical science and public benefits for Asia and Oceania.

Its mission is to promote geophysical science for the benefit of humanity in Asia and Oceania.

Our society participates actively and advances in this field through publications and developing close connections with local and regional societies.

We strive to remain in touch with and contribute to the geophysical world community through cooperation with AGU, EGU, IUGG and JPGU.

AOGS Council 2009 - 2010



Dong-Kyou Lee
President



Harsh Gupta
Vice President



Iver Cairns
Secretary General



Minhan Dai
Assistant
Secretary General



David Higgitt
Treasurer



Xi Xi Lu
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Jai-Ho Oh
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Atmospheric Science
(AS) Section



Shie-Yui Liong
President,
Hydrological Science
(HS) Section



Minhan Dai
President,
Ocean Science
(OS) Section



Anil Bhardwaj
President,
Planetary Science
(PS) Section



Xiaohua Deng
President,
Solar & Terrestrial
Science (ST) Section



Ching-Hua Lo
President,
Solid Earth Science
(SE) Section

AOGS Sections

The formation of new Sections and the reorganization of Sections must be approved by the Council and ratified by an Annual General Meeting.

Each Section shall have its own Section President, Section Vice-President and one or more Section Secretaries.

AS	Atmospheric Science (Small scale and local wind systems, air pollution, mesoscale processes, global wind systems, cyclones, weather forecasting, atmospheric chemistry, global climate and its change)
HS	Hydrological Science (Hydrometeorology, Surface Water Hydrology, Ground Water Hydrology, Water Resources Planning and Management, Hydroinformatics)
OS	Ocean Science (Estuarine and coastal oceanography, ocean circulation, marine biogeochemistry, paleoceanography, marine geology, and atmosphere-ocean coupling.
PS	Planetary Science (interior, surface, magnetosphere, ionosphere, and upper atmosphere of solar system bodies other than earth)
ST	Solar and Terrestrial (sun, interplanetary medium, heliosphere, the magnetosphere, ionosphere, and upper atmosphere of planet earth, space weather)
SE	Solid Earth (geology, geodesy, geophysics, geochemistry)

With Interdisciplinary Working Groups (IWGs) such as –

NH	natural hazards, earthquakes, tsunamis, volcanoes, etc
NL	non-linear geophysics
PR	polar research



AOGS Meetings and Venues

Singapore
2006

Bangkok
Thailand
2007

Busan
Korea
2008

Singapore
2005

Singapore
2004



6th Annual Meeting

AOGS

11 to 15 August 2009

Singapore



Suntec International Exhibition
& Convention Centre



UNIQUELY
Singapore

7th Annual Meeting

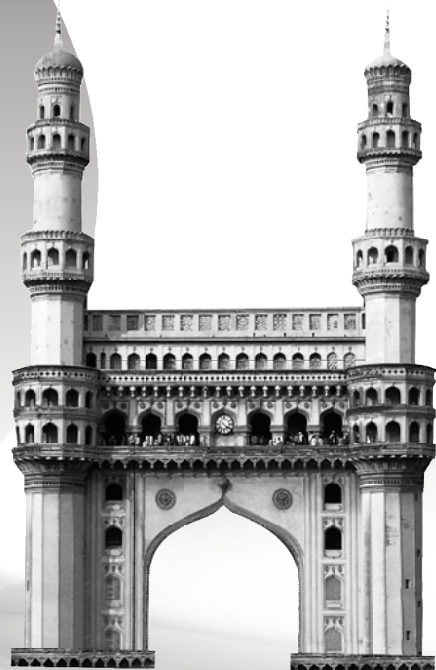
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AOGS Annual Meetings – Participant Profile

Year		AOGS 2009	AOGS 2008	AOGS 2007	AOGS 2006	AOGS 2005	AOGS 2004
Dates		11-15 Aug	16-20 Jun	31 Jul-4 Aug	10-14 Jul	20-24 Jun	5-9 Jul
Host City		Singapore	Busan, Korea	Bangkok, Thailand	Singapore	Singapore	Singapore
No. of Participants		1148	1627	1093	744	846	1100
No. of Countries Represented		52	51	49	43	43	51 *
Distribution (%)	Asia & Oceania	82.3	85.1	78.4	76.0	71.0	71.24
	US & Canada	9.0	7.6	10.0	11.0	15.0	15.52
	Europe	8.7	7.3	11.6	13.0	14.0	13.05

** 0.19% of participants from other regions*

Geosciences World Community Exhibition (GEOMEET) Exhibitors at the AOGS2009 Meeting in Singapore

APEC Climate Center	Ms Soo-Yang Joo	syjoo@apcc21.net
Cambridge University Press	Ms Karen Yeo	kyeo@cambridge.org
Centre for Planetary Science, Kobe University	Prof Tadashi Mukai	mukai@kobe-u.ac.jp
College of Science, National Taiwan University	Prof Ching-Hua Lo	loch@ntu.edu.tw
Decagon Devices Inc	Mr Matthew Galloway	matt@decagon.com
Department of Geophysics, Kyoto University	Prof Shigeo Yoden	yoden@kugi.kyoto-u.ac.jp
Earth Research Institute, The University of Tokyo	Prof Teruyuki Kato	teru@eri.u-tokyo.ac.jp
Earth Science Research Promotion Center, NSC	Ms Feng-yi Ho	fengyee@cc.ncu.edu.tw
Hokkaido University	Prof Kosuke Heki	heki@mail.sci.hokudai.ac.jp
Hydrospheric Atmospheric Research Centre, Nagoya University	Prof Kenji Nakamura	nakamura@hyarc.nagoya-u.ac.jp
Indiana University	Mr Gary Miksik	gmiksik@indiana.edu
Integrated Ocean Drilling Program (IODP)	Ms Emiri Kitami	kitamie@jamstec.go.jp
IOP Publishing	Ms Lisa Trenberth	Lisa.Trenberth@iop.org
Japan Geoscience Union	Prof Teruyuki Kato	teruyuki_kato2@yahoo.co.jp
John Wiley & Sons (Australia) Pte Ltd	Ms Annalisa Druda	Annalisa.Druda@wiley.com
Kinematics Inc	Ms Victoria Hernandez	vibh@kmi.com
Korea Institute of Geoscience and Mineral Resources	Ms Min Jeong Yoon	ming@kigam.re.kr
Kyushu University	Prof Kiyohumi Yumoto	Yumoto@serc.kyushu-u.ac.jp
Nanometrics Inc	Mr Stephen Kilty	stephenkilty@nanometrics.ca
National University of Singapore	Dr David Laurence Higgitt	geodlh@nus.edu.sg
Picarro Inc	Ms Tania Pashkevich	tpashkevich@picarro.com
Singapore Tourism Board	Ms Doris Fernandez	Doris_FERNANDEZ@stb.gov.sg
Singapore-MIT Alliance for Research and Technology	Ms Aadiana Abdullah	adiana@smart.mit.edu
Springer-Verlag GmbH	Ms Minicka Lothar	Lothar.Minicka@springer.com
Taylor and Francis Asia Pacific	Ms Azhani Eshak	sriazhani.puteri@tandf.com.sg
Technical University of Munich	Dr Thomas Gruber	Thomas.Gruber@bv.tu-muenchen.de
The Earth Observatory of Singapore	Ms Sharmini Blok	sblok@ntu.edu.sg
World Scientific Publishing Co. Pte Ltd	Ms Tai Xiang	xtai@wspc.com



7th Annual Meeting

AOGS

5 to 9 July 2010

 **Hyderabad**

Hyderabad International
Convention Centre, India

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The Indian Geophysical Union

AOGS 2010 will take place in Hyderabad, India, from 5 to 9 July 2010 at the Hyderabad International Convention Centre, India's largest convention facility

Host Country Information

About Hyderabad

Hyderabad, the capital of Andhra Pradesh is the second largest metro of India, known for its rich history and culture with monuments, mosques, temples, and a rich and varied heritage in arts, crafts and dance.

The city is over 400 years old and is noted for its natural beauty, mosques and minarets, bazaars and bridges, hills and lakes. It is perched on the top of the Deccan Plateau, 1776ft., above sea level, and sprawls over an area of 260 square kilometers and home to more than 6 million people.

Hyderabad has developed into a major hub for the information technology industry in India and the city is home to the world's largest film studio, the Ramoji Film City. It is also a sporting destination and various national and international games are conducted here.

Residents of Hyderabad are called Hyderabadis. The city is regarded as a blend of traditionality with modernity. Known as the City of Pearls, Hyderabad is also famous for its Hyderabadi cuisine, handicrafts and textiles, its gems and its jewelry, especially pearls.



Getting There

Max 2hrs by air from any city in India, 8-10 hrs from Europe and 4-5 hrs from Asia/Middle East

Weather

July temperature averages 26 to 32°C

Where to Stay

Special AOGS2010 hotel rates - 1000 INR to 10,000 INR per night. Complimentary breakfast, coach transfer and in-room Internet

Hotel Registration

Opens 15 Jan 2010
Closes 21 May 2010

Voltage

Standardised voltage used in India is 230V/50Hz

Currency

Indian Rupee (INR) is the standard currency
1 USD ~ 46.6 Rupees
1 SGD ~ 34 Rupees

What to See & Do

- Discover: The rich historical and cultural legacy of India.
- Explore : The magnificent heritage attractions and the leading modern IT hub
- Indulge : Luscious "Hyderabadi Cuisine"
- Witness: The captivating monuments and architecture
- Acquire : World recognized high-quality pearls & Exquisite handcrafted traditional arts & crafts
- Come Visit : The largest film studio, listed in the Guinness Book of World record

AOGS2010 Conference and Exhibition Venue

Hyderabad International Convention Centre (HICC) is India's largest convention facility.



- State of the art IT infrastructure, design, technology, and other convention facilities
 - conceptualised, designed and created across a 15-acre landscaped environment to hold events for up to 5000 people
- Located right in the flourishing business hub of India
 - located at a 40-minute drive from the newly opened Rajiv Gandhi International Airport; close proximity to all leisure essentials such as retail, pool, restaurant and bars
- Safe and secured gated campus, away from noise and pollution
- Connected to Novotel Hyderabad, a 287-room international business hotel
- It is located adjacent to Hitec City, home to large national and international technology companies.

More info here: http://www.hicc.com/delegate_information.html

AOGS2010 National Advisory Committee (NAC) & Supporting Organizations

NAC Chairman

Dr. V. Jayaraman
Director NRSC, Hyderabad

NAC Convener

Dr. Anil Bhardwaj
SPL, VSSC, Trivandrum

NAC Members

Prof. Vijay P. Dimri
Director NGRI, Hyderabad

Dr. Satish Chandra Sheno
Director, INCIOS, Hyderabad

Prof. Jitendra N. Goswami
Director PRL, Ahmedabad

Prof. (Mrs.) Archana Bhattacharyya
Director IIG, Mumbai

Prof. Satish R. Shetye
Director NIO, Goa

Prof. B. R. Arora
Director, WIHG, DehraDun

Prof. A. Jayaraman
Director NARL, Gadanki

Dr. Rasik Ravindra
Director NCAOR, Goa

Dr. Harsh Gupta
Ramanna Fellow, NGRI, Hyderabad

Dr. B. M. Reddy
Emeritus Scientist CSIR, NGRI, Hyderabad

Dr. P. K. Manoharan
Head, RAC-TIFR, Ooty

Dr. G. S. Bhat
Head CAOS, IISc, Bangalore

Prof. A. C. Narayan
University of Hyderabad, Hyderabad

Dr. M. Baba
Director CESS, Trivandrum

Dr. I. V. Murali Krishna
JNTU, Hyderabad

Dr. S. K. Das
Geosciences, Ministry of Earth Sciences, New Delhi

Dr. Anjan Chaki
Director, AMD, DAE, Hyderabad

Dr. N. K. Dutta
Director General, GSI, Kolkata

Dr. Y V N Krishnamurthy
ISRO HQ, Bangalore



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AOGS 2010 Important Dates

Abstracts	
Submission	Opens 15 Dec 2009 - Closes 1 Mar 2010
Acceptance Notification	23 Mar 2010
Author Registration Deadline	10 May 2010
Registration Fee Waiver Application	
Application Deadline	Opens 15 Dec 2009 - Closes 1 Mar 2010
Result Notification	23 Mar 2010
Successful Fee Waiver Applicant Registration Deadline	10 May 2010
Registration	
Early Bird Rate Deadline	10 May 2010
Online Registration Deadline	5 June 2010
Advertisements & Exhibits	
Material Deadline for Printing/Publishing	30 April 2010
Conference Starts	5 July 2010

How to Join AOGS2010? Submit Abstracts BEFORE 1st MARCH 2010

AOGS2010 Registration Fees	Fees are Services Tax Inclusive					
	If Paid by 10 May 2010			If Paid after 10 May 2010		
	INR	SGD	USD	INR	SGD	USD
AOGS/EGU Members						
Standard Rate	17500	475	380	21200	580	460
Student Rate	8800	240	190	10600	290	230
Non AOGS/EGU Members						
Standard Rate	22300	610	490	27500	750	600
Student Rate	11300	310	250	13700	375	300
Retirees						
60 yrs & above	11300	310	250	13700	375	300
Additional Registration Fee						
For Each Paper in excess of Two	10600	290	230	10600	290	230
One-Day Fee						
Industry Participants Only (i.e. non-paper writer and/or presenter)	8800	240	190	10600	290	230

Fees are subject to change.

Fees

1. USD and INR fees are indicative and subject to currency fluctuation
2. SGD fees are fixed
3. Prevailing government taxes and service charges shall apply
4. Each registration fee can cover TWO presentations/papers maximum. An additional registration fee of INR10600/SGD290/USD230 applies for each paper in excess of the TWO presentations/papers per registration.

Fee and Payment on or before 10 May 2010

1. Early Bird Rates end on 10 May 2010
2. Increased Rates apply if payment is not received on or before 10 May 2010
3. Non-members need register and pay fees by 10 May 2010 or papers will be withdrawn
4. Members need register attendance by 10 May 2010 or papers will be withdrawn
5. Only INR, USD and SGD payments can be accepted

Payment Onsite after 4 June 2010

1. Please proceed to "Payment Onsite" at the convention centre
2. Cash or Credit Card payments in INR, SGD and USD can be accepted
3. Cash payment must be in EXACT AMOUNT as we shall be unable to return change
4. Only American Express/Visa/Master Card can be accepted

Industry Participants

1. If attending more than 2 days, full fee is applicable and as shown in AOGS/EGU - Members/Non Members Category
2. Rates are not applicable to Authors and Presenters

Retirees

Over the age of 60 and not employed more than 10% of full time in a professional capacity

Why Participate As an Exhibitor

- This is your opportunity to reach out to more than 2000 researchers, consultants, students to:
- Introduce your services, programs and products to this rapidly growing geosciences community
- Be amongst the market leaders and key players in the Asia and Oceania regions
- Explore international business opportunities and increase your market exposure
- Acquire new clients and connect with geoscientists from the regions
- Be up and close with authors and business counterparts in the global geosciences community

Exhibition Packages

3 Types:

Type	Description
<p>Exhibition Booth – Standard Booth Size 3m x 3m</p> <p>SGD3,500/USD2,800/INR128,000 <i>(If Paid After 10 May 2010 – SGD4,000/USD3,200/INR146,000)</i></p> <p>Take SGD500/USD400/INR18,000 off booth price if Include Carpet but exclude rest of Shell Scheme</p>	<p>Standard Booth Price includes shell scheme on needle punch carpet, fascia board with company name, counter & 2 chairs, 3 no. 100W spot lights and power supply (one 15 amp power point)</p> <p>Located in the exhibition Hall 3, this is the place where trade show traffic and conference delegates converge. Meet your qualified prospects here. Show them what's new in the industry. There's no better place to promote your new products, services, personnel or facilities.</p>
<p>Educational Showcase (By Invitation only) Standard Size 3mx2m</p> <p>SGD750/USD600/INR27,500 <i>(If Paid After 10 May 2010 – SGD860/USD690/INR31,600)</i></p>	<p>Standard Showcase Price includes three 3mLx2mH back panels on needle punch carpet, counter & 2 chairs, 3 no. 100W spot lights and power supply (one 15 amp power point)</p> <p>Strategically located along the walls of Hall 3, showcase space will be assigned on a first-come-first-served basis and subject to exhibitor being a renown academic institution and payment been received.</p>
<p>Publisher's Hall Standard Booth size 3m x 3m</p> <p>SGD3,500/USD2,800/INR128,000 <i>(If Paid After 10 May 2010 – SGD4,000/USD3,200/INR146,000)</i></p>	<p>Standard Booth Price includes shell scheme on needle punch carpet, fascia board with company name, counter & 2 chairs, 3 no. 100W spot lights and power supply (one 15 amp power point)</p> <p>Strategically located as a cluster near the entrances, the pavilion will display the scholarly peer-reviewed research journals, top quality technical and scientific manuscripts and an extensive range of books on geosciences from leading international academic, society and independent publishers.</p>

SGD fees are fixed. USD and INR fees are indicative and subject to currency fluctuation

Exhibitor Benefits

- Exhibitor write-up in the Exhibition Guide which will be distributed to all participants
- Online classified in the Exhibiting Company page on the event website
- Access to GEOMEET, the one-on-one online business matching portal
- Full Registration Passes that entitles the holder access to all conference sessions and hosted functions. Registration Pass holders can be paper writers and/or presenters.
- Exhibitor Passes that entitles the holder access to all conference sessions and hosted functions. Exhibitor Pass holders must not be paper writers and/or presenters
 - Exhibition Booth Package: TWO Registration & TWO Exhibitor passes each
 - Educational Showcase - One Registration & One Exhibitor pass each
- All exhibition packages include the e-mailing of 50 invitation cards to email addresses that you provide, latest by 30 April, 2010.
- All materials for printing/publishing must arrive by 30 April, 2010

Exhibition, Advertising, Sponsorship & Donation Opportunities with AOGS

All exhibition packages include the e-mailing of 50 invitation cards to email addresses you provide. Exhibitors can also enjoy access to GEOMEET the one-on-one online business matching portal, where you get to meet prospective buyers, collaborators and fellow researchers.



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Advertisement Packages (30 April 2010 is Material Deadline for Printing/Publishing)

4 Modes:

Mode	Description																		
<p>Print Advertisement in Pin-up Poster and Book Mark</p> <p>ONE SPOT ONLY! Exclusive to AOGS2010 Partner Sponsor</p>	<p>The Pin-up Poster details Program Highlights and is a quick guide to help visitors and participants navigate the event. When fully expanded, the poster measures 59cm Ht x 42cm Width (A2 Size). The poster provides a program overview and important dates on the next conference and will be distributed to members and contacts of AOGS and its major partners at their events taking place annually in Asia, Europe and USA. The Book Mark provides important dates on the next conference and will be distributed to members and contacts of AOGS and its major partners at their events taking place annually in Asia, Europe and USA.</p> <p>Important Note: All materials for printing/publishing must arrive by 30 April 2010</p>																		
<p>Print Ads in Program Book</p> <p>(9.75" Height x 6" Width)</p>	<p>Whether you are initiating a new campaign or re-energizing an existing one, an advertisement in the program book brings you instant reach to an audience that wants to know your offerings and potentially share it with others. The Program Book is distributed to all conference participants who used it as a reference guide to navigate their way through the event.</p> <table border="1"> <thead> <tr> <th>Position</th> <th>Mono</th> <th>Full Colour</th> </tr> </thead> <tbody> <tr> <td>Back Cover</td> <td>NA</td> <td>Reserved</td> </tr> <tr> <td>Inside Back Cover</td> <td>NA</td> <td>SGD3,000/USD2,400/INR110,000</td> </tr> <tr> <td>Inside Front Cover</td> <td>NA</td> <td>Reserved</td> </tr> <tr> <td>Inside Full Page</td> <td>SGD1,500/USD1,200/INR55,000</td> <td>SGD2,000/USD1,600/INR73,000</td> </tr> </tbody> </table> <p>Important Note: All materials for printing/publishing must arrive by 30 April 2010</p>	Position	Mono	Full Colour	Back Cover	NA	Reserved	Inside Back Cover	NA	SGD3,000/USD2,400/INR110,000	Inside Front Cover	NA	Reserved	Inside Full Page	SGD1,500/USD1,200/INR55,000	SGD2,000/USD1,600/INR73,000			
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Inside Full Page	SGD1,500/USD1,200/INR55,000	SGD2,000/USD1,600/INR73,000																	
<p>Online Classifieds on AOGS 2010 Website</p> <p>SGD750/USD600/INR27,500</p> <p>(80 x 30 Pixels)</p>	<p>Price includes posting on the event website in the "Exhibiting Company" page. Orders are scheduled on a first-come-first-served basis. Reach an online community with your ad and channel targeted sales prospects to your online presentation.</p> <table border="1"> <thead> <tr> <th>Issue Date</th> <th>Ad Closing</th> <th>Materials Due</th> </tr> </thead> <tbody> <tr> <td>Jan 2010</td> <td>Dec 1</td> <td>Dec 8</td> </tr> <tr> <td>Feb 2010</td> <td>Jan 1</td> <td>Jan 8</td> </tr> <tr> <td>Mar 2010</td> <td>Feb 1</td> <td>Feb 8</td> </tr> <tr> <td>Apr 2010</td> <td>Mar 1</td> <td>Mar 8</td> </tr> <tr> <td>May 2010</td> <td>Apr 1</td> <td>Apr 8</td> </tr> </tbody> </table>	Issue Date	Ad Closing	Materials Due	Jan 2010	Dec 1	Dec 8	Feb 2010	Jan 1	Jan 8	Mar 2010	Feb 1	Feb 8	Apr 2010	Mar 1	Mar 8	May 2010	Apr 1	Apr 8
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Apr 2010	Mar 1	Mar 8																	
May 2010	Apr 1	Apr 8																	
<p>Brochure Display on Shared Table</p> <p>SGD1,380/USD1,100/INR50,500</p>	<p>Display your product, services or programs to your target audience at the meeting by a brochure. Maximum of 500 pieces display/distribution by each advertiser.</p> <p>Important Note: All materials for printing/publishing must arrive by 30 April 2010</p>																		

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Sponsorship & Donation - Any amount

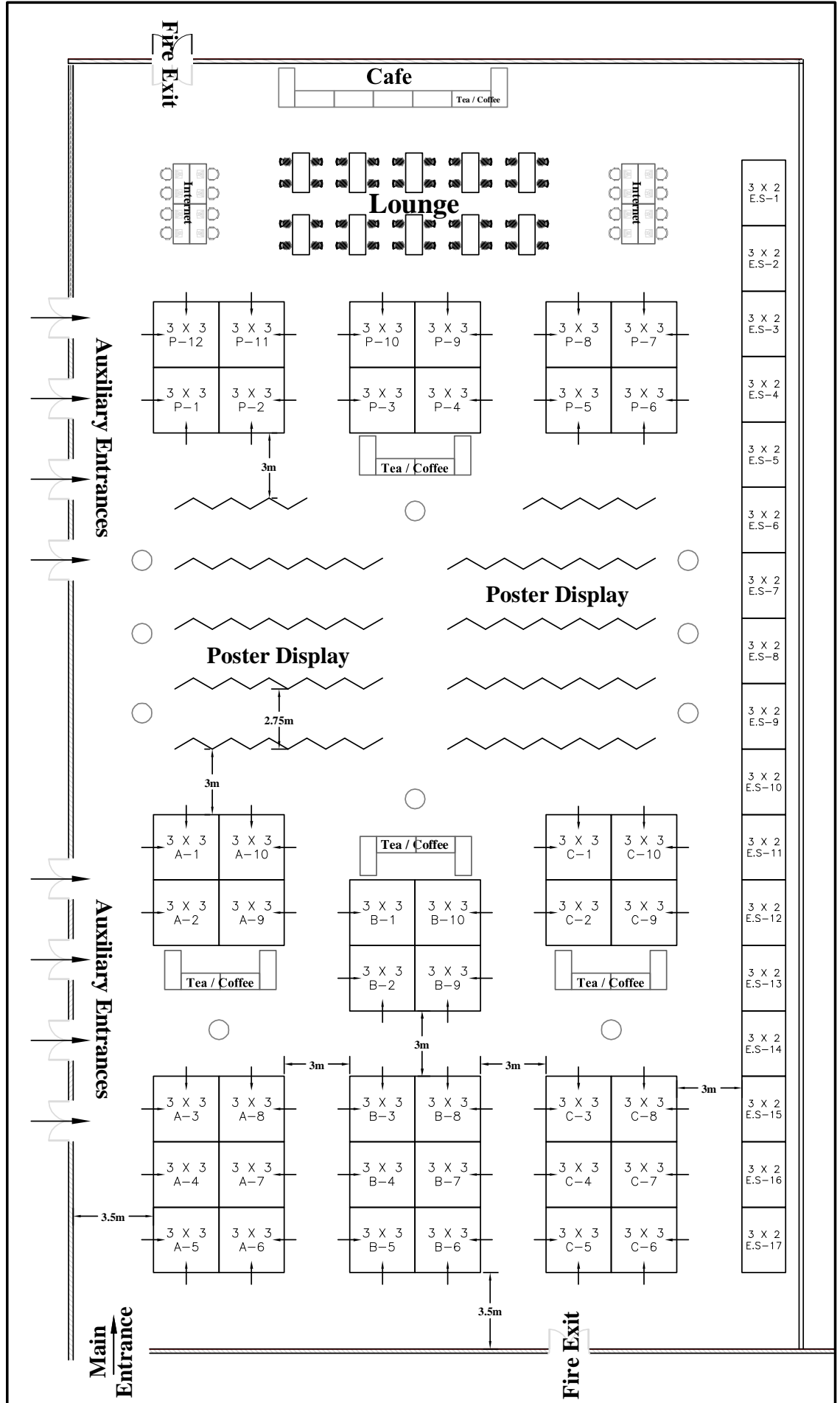
Any amount donated will go to the society in support of young and promising scientists who require financial support. This is in the form of registration fee waiver that the society offers yearly.

A range of sponsorship options is available and designed such that you can set your budget and capping them to fulfill the purpose of your participation and achieve your marketing objectives.

Design your personalized strategy to reach for your attending prospects now. *Contact us for a discussion*

General Information
 Conference: 5 to 9 July (Registration Desks Open 4 July)
 Hall 3 Exhibition: 5 to 8 July (Set-up: 4 July from 2pm; Tear Down: 8 July from 5pm)

ALL HAPPENING AT
 HYDERABAD INTERNATIONAL CONVENTION CENTRE, HALL 3
 Conference • Exhibits • Showcase • Merchandising Display



AOGS2010 Session Proposals (Partial Listing)

*main convener

Atmospheric Science (AS)

AS01 - Structure and Dynamics of Mesosphere and Lower Thermosphere

*Sridharan SUNDARARAJAN, National Atmospheric Research Laboratory, India
Subramanian GURUBARAN, Indian Institute of Geomagnetism, India

AS02 - Measurement and Modeling of Atmospheric Aerosols for Climate and Air Quality Applications

*Pawan GUPTA, UAHuntsville, United States
Harish GADHAVI, National Atmospheric Research Laboratory, India
Sundar CHRISTOPHER, UAHuntsville, United States
A JAYARAMAN, National Atmosphere Research Laboratory, India

AS03 - Climate change and tropical climatic hazards in Asia Oceania

*Yuriy KULESHOV, Australian Bureau of Meteorology, Australia

AS04 - Science with Very Low Frequency Radio Waves: Theory and Observation

*Sandip Kumar CHAKRABARTI, S.N. Bose National Centre for Basic Sciences, India

AS05 - Extreme Weather Events in the changing Climate

*Sushil Kumar DASH, Indian Institute of Technology Delhi, India
Jai-Ho OH, Pukyong National University, South Korea
Ashok Priyadarshan DIMRI, Jawaharlal Nehru University, India

AS06 - Cloud Aerosol Interaction and Weather Modification Experiments in Asia and Oceania

*Venkateswara Rao BEKKAM, JNT University, Hyderabad, India
Rosenfeld DANIEL, The Hebrew University, Israel
J.R.Kulkarni, Indian Institute of Tropical Meteorology, Dr.Homi, India

AS07 - Severe Thunderstorm Observation and Regional Modeling (STORM)

*Uma Charan MOHANTY, Indian Institute of Technology, India
Someshwar DAS, SAARC Meteorological Research Centre, Bangladesh
Taiichi HAYASHI, Kyoto University, Japan

AS08 - Biosphere -Atmosphere Interaction in the tropical mangrove ecosystem

*Tapan Kumar JANA, Calcutta University, India

AS09 - Asian Aerosols and Climate: The Known and Unknown

*S K SATHEESH, Indian Institute of Science, India
S SURESH BABU, Vikram Sarabhai Space Centre, India
Dimitris G KASKAOUTIS, National Observatory of Athens,
Institute of Environmental Research and Sustainable Development, Greece

AS10 - Asian Snow-Glaciers and Climate Change

*Ramesh SINGH, Chapman University, United States
Tetsuo TETSUO OHATA, Institute for Observational Research for Global Change, Japan
S. KANG, Institute for Tibetan Plateau Research, China
Daqing YANG, CliC International Project Office, Norway, Norway
R. K. MIDHA, Sharda University, India

AS11 - Observational and Modeling Studies on Tropical Cyclones

*Uma Charan MOHANTY, Indian Institute of Technology, Delhi, India
Jayaraman K V POTTU, RIMES, ADPC, Thailand
Dev NIYOGI, Purdue University, United States
Sundararaman.G GOPALAKRISHNAN, Hurricane Research Division(HRD), AOML, NOAA, United States

AS12 - Predictability of weather and climate: Theory, Methodology and applications

*Wansuo DUAN, Institute of Atmospheric Physics, Chinese Academy of Sciences, China
François-Xavier LE DIMET, Lab.Jean-Kuntzman/Université Joseph Fourier, France
Youmin TANG, Uni. of Northern BC, Canada
Hyun Mee KIM, Yonsei University, South Korea

AS13 - Aeolian Dust

*Cheol-Hee KIM, Pusan National University, South Korea
Soon-Ung PARK, Center for Atmospheric and Environmental Modeling, South Korea
Chung-Ming LIU, National Taiwan University, Taiwan

AS14 - Middle Atmosphere Science

*S. K. DHAKA, University of Delhi, India
Shigeo YODEN, Kyoto University, Japan
Hye-Yeong CHUN, Yonsei University, South Korea
Zeyu CHEN, Chinese Academy of Sciences, China

AS16 - Climate Change in Monsoon Asia-Pacific: Progress, Issues and Challenges

*Ashok KARUMURI, Indian Institute of Tropical Meteorology, India
BN GOSWAMI, Indian Institute of Tropical Meteorology, India
Saji Njarackalazhikam HAMEED, APCC, South Korea
Scott POWER, Bureau of Meteorology, Australia
Fredolin T. TANGANG, National University of Malaysia (Universiti Kebangsaan Malaysia), Malaysia
Joong-Bae AHN, Pusan national University, South Korea

AS17 - Mesoscale Meteorology and Typhoon

*Kevin Kei Wai CHEUNG, Macquarie University, Australia
Chung-Chieh WANG, National Taiwan Normal University, Taiwan
Yihong DUAN, National Meteorological Centre, China

AS18 - AMY1 - a coordinated observations

*Jun MATSUMOTO, Tokyo Metropolitan University, Japan
Jianping LI, Chinese Academy of Sciences, China
BN GOSWAMI, Indian Institute of Tropical Meteorology, India

AS19 - AMY 2 - Variability

*Kyung-Ja HA, Pusan National University, South Korea
BN GOSWAMI, Indian Institute of Tropical Meteorology, India
Jun MATSUMOTO, Tokyo Metropolitan University, Japan

AS20 - Radioactively and Chemically Active Trace Gases Over Asia and Oceania

*Manish NAJA, ARIES, India
Mukai HITOSHI, NIES, Japan
Marcel SCHOOT, CSIRO, Australia

AS21 - Precipitation Science and Application Over Asia Using Satellite Data

*Shuji SHIMIZU, Japan Aerospace Exploration Agency, Japan
Kusuma RAO, Indian Space Research Organization, India

AS22 - Numerical Modelling and Data Assimilation of Mesoscale Tropical Weather

*Tieh-Yong KOH, Nanyang Technological University, Singapore
Shigeo YODEN, Kyoto University, Japan

AS23 - AMY3 - Monsoon Modeling

*Jianping LI, Chinese Academy of Sciences, China
Kyung-Ja HA, Pusan National University, South Korea
BN GOSWAMI, Indian Institute of Tropical Meteorology, India

AS24 - "Measurements, characterization and modeling of atmospheric deposition"

*Ranjit KUMAR, Technical College, Dayalbagh Educational Institute (Deemed University), India
S.N. SINGH, National Physical Laboratory, New Delhi, India

Hydrological Science (HS)

HS01 - hydrometeorology

*C.G. CUI, China Meteorology Agency, China

HS02 - Climate Change and River Basin Management

*Akira MANO, Tohoku University, Japan

HS03 - Flood Defence Technology for Next Generation

*Kun-Yeun HAN, Kyungpook National University, South Korea

HS04 - Geogenic and Anthropogenic Contribution of Groundwater

*Surendra ATAL, National Geophysical Research Institute, India

HS05 - Mechanisms of water cycle in changing environment

*Hongbin ZHANG, WuHan University, China

HS06 - Role of Voluntary Organizations in Ground Water Management of Hard rock

*P. S. KULKARNI, Maulana Azad College, Aurangabad, India
Rajendra NIJJAR, Alternative Development Initiative, India

HS07 - Challenges in Hydrologic Modeling and Forecasting

*Bellie SIVAKUMAR, University of California, Davis, United States
Sri SRIKANTHAN, Bureau of Meteorology, Australia
Vinayakam JOTHIPRAKASH, Indian Institute of Technology - Bombay, India
Ji CHEN, University of Hong Kong, Hong Kong

HS08 - Impact Of Climate Change On Groundwater Resources - Problems and Perspectives

*Sanjay PATIL, North Maharashtra University Jalgaon, India
Jaydeep NIKAM, Yashwantrao Chavan Maharashtra Open University Nashik, India

HS09 - Water Crisis and Conflicts

*Bellie SIVAKUMAR, University of California, Davis, United States
Ji CHEN, University of Hong Kong, Hong Kong

HS10 - Ecohydrology: plant-water interactions in terrestrial and aquatic environments

*Ting Fong May CHUI, National University of Singapore, Singapore

HS11 - Modelling Regional Climates and Assessments of Impacts

*Srivatsan RAGHAVAN, National University of Singapore, Singapore

HS12 - Sediment, Carbon and Geochemical Fluxes in River Basins

*David HIGGITT, National University of Singapore, Singapore

Ocean Science (OS)

OS01 - Role of the Ocean in influencing the Asian Monsoon

*Roxy MATHEW, Centro Euro-Mediterraneo per i Cambiamenti Climatici, Italy

Suryachandra A. RAO, Indian Institute of Tropical Meteorology, India, India

OS02 - Exploration and Exploitation of Gas Hydrates, major energy resource in the 21st century

*Kalachand SAIN, National Geophysical Research Institute, Uppal Road, Hyderabad, India

Saulwood LIN, Institute of Oceanography, National Taiwan University, Taipei, Taiwan

Ryo MATSUMOTO, University of Tokyo, Japan

Byong-Jae RYU, Korea Institute of Geoscience and Mineral Resources, South Korea

Harsh GUPTA, National Geophysical Research Institute, India

OS03 - Application of Argo Observation to Ocean and Climate Studies

*Dake CHEN, Second Institute of Oceanography, China

Ravichandran M, Indian National Centre for Ocean Information Services, India

OS04 - Microbial processes and carbon cycling in the ocean

*Ramaiah NAGAPPA, National Institute of Oceanography, India

OS05 - Physical processes and biogeochemistry of coastal ocean and tropical estuaries

*Sarma VEDULA V. S. S., National Institute of Oceanography, Regional Center, India

Murty VADLAMANI, National Institute of Oceanography Regional Centre, India

Minhan DAI, Xiamen University, China

Planetary Science (PS)

PS01 - Cosmic Dust: Its Formation and Evolution

*Hiroshi KIMURA, CPS, Japan

Misato FUKAGAWA, Osaka University, Japan

Keiko NAKAMURA-MESSENGER, NASA Johnson Space Center, United States

Ludmilla KOLOKOLOVA, University of Maryland, United States

Aigen LI, University of Missouri-Columbia, United States

Cornelia JAEGER, Friedrich Schiller University, Germany

PS02 - Plasma processes in the solar system

*Dominique DELCOURT, LPP, France

Kanako SEKI, Nagoya University, Japan

Francois LEBLANC, CNRS, France

Pontus BRANDT, The Johns Hopkins University Applied Physics Labor, United States

Anil BHARDWAJ, Vikram Sarabhai Space Centre, India

PS03 - Ices and Astrobiology

*Murthy GUDIPATI, Jet Propulsion Laboratory, California Institute of Technology, United States
Andrew Dominic FORTES, University College London, United Kingdom
Ryo NAKAMURA, Tohoku University, Japan
Razvan CARACAS, Ecole Normale Supérieure de Lyon, France
Kensei KOBAYASHI, Yokohama National University, Japan
Takenori TOYOTA, The University of Tokyo, Japan
Francois RAULIN, University of Paris, France
Ken WILLIFORD, Curtin University of Technology, Australia
Christopher MCKAY, NASAAMES Research Center, United States
Steven VANCE, Jet Propulsion Laboratory, California Institute of Technology, United States

PS04 - Outer planets and satellites with an atmosphere

*Athena COUSTENIS, Paris Observatory, France
Sushil ATREYA, University of Michigan, United States
Frank SOHL, DLR Berlin, Germany
Jianping LI, Chinese Academy of Sciences, China

PS05 - Science and Exploration of Mars and Venus

*S.A HAIDER, Physical Research Laboratory, India
Agustin CHICARRO, European Space Agency, Netherlands
Takehiko SATOH, ISAS/JAXA, Japan
Mangalathayil Ali ABDU, INPE, Brazil
Jorn HELBERT, DLR, Germany
Sanjay LIMAYE, University of Wisconsin, United States

PS06 - General Session on Planetary Science

*Anil BHARDWAJ, Vikram Sarabhai Space Centre, India

PS07 - Planetary Radiation Environments - Theory vs. Experiments

*Giovanni DE ANGELIS, Istituto Superiore di Sanità, Italy
Francis A. CUCINOTTA, NASA, United States
Tsvetan P. DACHEV, STIL/BAS, Bulgaria
Myung-Hee KIM, Universities Space Research Association, United States
Premkumar B. SAGANTI, Prairie View AM University, United States

PS08 - Icy Satellites, Rings, and Icy Dwarf Planets

*Steven VANCE, Jet Propulsion Laboratory, California Institute of Technology, United States
Hauke HUSSMANN, DLR Berlin, Germany
Juergen SCHMIDT, University of Potsdam, Germany
Frank SOHL, DLR Berlin, Germany
Frank POSTBERG, Universität Heidelberg, Germany
Sushil ATREYA, University of Michigan, United States
Jianping LI, Chinese Academy of Sciences, China
Athena COUSTENIS, Paris Observatory, France

PS09 - Laboratory Planetary Sciences

*David L. HUESTIS, SRI International, United States
Xianming LIU, Jet Propulsion Lab, United States
C. Y. Robert WU, University of Southern California, United States
Mao-Chang LIANG, Academia Sinica, Taiwan

PS10 - Exploration of Mercury

*Jorn HELBERT, DLR, Germany
Sho SASAKI, National Astronomical Observatory, Japan

PS11 - Science and Exploration of the Moon

*Tatsuaki OKADA, ISAS/JAXA, Japan
Anil BHARDWAJ, Vikram Sarabhai Space Centre, India
Manuel GRANDE, University of Wales, Aberystwyth, United Kingdom

PS12 - Origin and evolution of planets and small bodies

*Takashi ITO, National Astronomical Observatory of Japan, Japan
Patrik SOFIA LYKAWKA, Kinki University, Japan
Arika HIGUCHI, Tokyo Institute of Technology, Japan
Daniel BOICE, Southwest Research Institute, United States
Daisuke KINOSHITA, National Central University, Taiwan
A.-Chantal LEVASSEUR-REGOURD, PMC Univ. Paris 6 / CNRS-IPSL, France
Ji JIANGHUI, Purple Mountain Observatory, China

PS13 - Microwave and Infrared Remote Sensing of Solar System Objects

*Paul HARTOGH, Max Planck Institute for Solar System Research, Germany
Yasuko KASAI, National Institute of Information and Communication, Japan

Solar & Terrestrial (ST)

ST01 - Cosmic Rays in the Heliosphere - General Session on Cosmic Radiation

*Marcus DULDIG, Australian Antarctic Division, Australia

ST02 - Transient Phenomena and Magnetic Waves in the Sun and Sun-like Stars

*Abhishek Kumar SRIVASTAVA, Aryabhata Research Institute of Observational Sciences (ARIES), India
V.M. NAKARIAKOV, Centre for Fusion Space and Astrophysics, University of Warwick, United Kingdom
M.J. ASCHWANDEN, Solar & Astrophysics Laboratory, Lockheed Martin Advanced Technology Center, United States

ST03 - Nonlinear waves and particle acceleration processes in space and astrophysical plasmas

*Gurbax LAKHINA, Indian Institute of Geomagnetism, India
Nagendra SINGH, University of Alabama, United States
Yoshiharu OMURA, Kyoto University, Japan

ST04 - Magnetic fields in the solar convection zone and surface

*Amab CHOUDHURI, Indian Institute of Science, India
Jing-Xiu WANG, NAOC, China

ST05 - Atmospheric Coupling Processes in the Sun-Earth System

*Duggirala PALLAMRAJU, Physical Research Laboratory, India
Charles LIN, National Cheng Kung University, Taiwan
Gang LU, National Center for Atmospheric Research, United States

ST06 - Stormtime penetration electric fields and disturbance dynamo: Magnetospheric and ionospheric perspectives

*Takashi KIKUCHI, Solar-Terrestrial Environment Laboratory, Nagoya U, Japan
Veenadhari BHASKARA, Indian Institute of Geomagnetism, India
Chien-Ming HUANG, Institute of Space Science, National Central Univ., Taiwan

ST07 - General Session for Upper Atmosphere and Ionosphere

*Nanan BALAN, University of Sheffield, United Kingdom

ST08 - Earthquake precursor studies - current and future

*Koichiro OYAMA, National Cheng Kung University, Taiwan

Borra REDDY, CSIR, India

Masashi HAYAKAWA, The University of Electro-Communications, Japan

ST09 - General Session on Solar and Heliospheric Physics

*Rajaram KANE, INPE, Brazil

ST10 - Space weather and space climate: coupling processes from the Sun to the Earth

*Katya GEORGIEVA, Bulgarian Academy of Sciences, Bulgaria

Nanan BALAN, University of Sheffield, United Kingdom

Jan LAÄTOVIÄ, Institute of Atmospheric Physics, Czech Republic

Dibyendu NANDI, Indian Institute of Science Education and Research-Kolkata, India

Ramon LOPEZ, Univ. of TX at Arlington, United States

Nat GOPALSWAMY, GSFC, NASA, United States

Georgeta MARIS, Institute of Geodynamics of the Romanian Academy, Romania

ST11 - Ionospheric plasma density structures and irregularities:

Recent observations and theoretical efforts

*Amit PATRA, National Atmospheric Research Laboratory, India

Yuichi OTSUKA, Solar-Terrestrial Environment Laboratory, Nagoya University, Nagoya, Japan

ST12 - The Peculiar Solar Minimum between Solar Cycles 23 and 24 and its Heliospheric Consequences

*Nat GOPALSWAMY, NASA Goddard Space Flight Center, United States

Dibyendu NANDI, Indian Institute of Science Education and Research-Kolkata, India

ST14 - ELF-VLF Remote Sensing of the Ionosphere and Magnetosphere

*Rajesh SINGH, Indian Institute of Geomagnetism, India

Abhay Kumar SINGH, Banaras Hindu University, India

Morris B COHEN, Stanford University, United States

Bhaskara VEENADHARI, Indian Institute of Geomagnetism, India

ST15 - New Views of the SOLAR CORONA as seen from HINODE and SDO

*Dipankar BANERJEE, Indian Institute of Astrophysics, India

Gerry DOYLE, Armagh Observatory, N. Ireland, United Kingdom

ST16 - Variability of the equatorial and low latitude ionosphere and thermosphere

*Archana BHATTACHARYYA, Indian Institute of Geomagnetism, India

Mangalathayil Ali ABDU, INPE, Brazil

Jonathan MAKELA, University of Illinois, United States

Amit PATRA, National Atmospheric Research Laboratory, India

ST17 - Particle acceleration and radio emissions in solar, planetary, and interplanetary environment

*Bo LI, University of Sydney, Australia

Yuto KATOH, Department of Geophysics, Tohoku University, Japan

Prasad SUBRAMANIAN, Indian Institute of Science Education and Research, India

Yihua YAN, National Astronomical Observatories, Chinese Acade, China

ST18 - Present Solar Activity Minimum and the Evolution of Heliosphere

*Periasamy K. MANOHARAN, NCRA, Tata Institute of Fundamental Research, India
Mario BISI, University of California, San Diego, United States

ST19 - Energy, Momentum, and Mass Transport from the Solar Wind to Geospace: Simulations and Observations

*Ramon LOPEZ, Univ. of TX at Arlington, United States
Zuyin PU, Peking University, China

Solid Earth (SE)

SE01 - Metamorphism and orogenesis from the Archean to the present, with particular reference to the evolution of Asia and its Gondwanan heritage

*Michael BROWN, University of Maryland, United States
Samarendra BHATTACHARYA, Indian Statistical Institute, India
Chris CLARK, Curtin University of Technology, Australia
Saibal GUPTA, IIT Kharagpur, India
Wenjiao XIAO, Chinese Academy of Sciences, China
Guochun ZHAO, The University of Hong Kong, Hong Kong

SE02 - Modeling of earthquake ground motion, strong-motion seismology, site response and seismic hazard

*Prantik MANDAL, NGRI (CSIR), Hyderabad, India
Imtiyaz PARVEZ, CMMACS (CSIR), Belur Road, Bangalore, India

SE03 - Seismogenesis of large intraplate earthquakes occurring in strong continental crust

*Prantik MANDAL, NGRI (CSIR), Hyderabad, India
Jhana Ranjan KAYAL, Jadavpur University, India

SE04 - Tectonic Framework, seismicity and regional Geological configuration of Himalayas and neighbouring Region

*Anshu K. SINHA, Ex Director, BSIP, (GOI) LKO, India
Ashok DUBEY, Wadia Institute of Himalayan Geology, India
Jean-Pierre BURG, ETH Zurich, Switzerland

SE05 - Frontiers in Geochemistry with Reference to Lithospheric Evolution and Metallogeny

*Balaram VYSETTI, Head, Geochemistry Division, National Geophysical Research Institute, India
Chuan-Chou SHEN, National Taiwan University, Taiwan

SE06 - Geochemistry, Palaeontology and Seismology

*Ialmuan KIMI, MZU, India
Saia SAILO, MZU, India
Victor RALTE, Mizoram University, India

SE07 - Plate Tectonics of Asia: Geological and Geophysical Constraints

*Xixi ZHAO, University of California Santa Cruz, United States
Chengshan WANG, China University of Geosciences (Beijing), China
Zhengxiang LI, Curtin University of Technology, Australia

SE09 - Suture Zones and Geodynamic Processes

*T.R.K. CHETTY, National Geophysical Research Institute (NGRI) {CSIR}, India
T. TSUNOGAE, University of Tsukuba, Japan
M. SANTOSH, Kochi University, Japan

SE10 - Earthquake Hydrology and Hydroseismology

*Yasuyuki KANO, Kyoto University, Japan
Wen-Chi LAI, ChengKung University, Taiwan
Fuqiong HUANG, China Earthquake Network Center, China

SE11 - Paleoseismology, Historical Earthquake Studies, Long- and Mid-term Earthquake Forecast

*Javed MALIK, Indian Institute of Technology Kanpur, India
Kenji SATAKE, University of Tokyo, Japan
HE HONGLIN, Institute of Geology, China Earthquake Administration, China
Jian WANG, Institute of Geophysics, China Seismological Bureau, China

Interdisciplinary Working Groups (IWG)

IWG01 - Modelling of Dangerous Phenomena, and Innovative Approaches of Hazard Evaluation, Mapping, and Mitigation

*Giulio IOVINE, CNR-IRPI, Italy
Manuel PASTOR, Centro de Estudios de Técnicas Aplicadas CEDEX, Spain
Hideaki MIYAMOTO, University of Tokyo, Japan

IWG02 - Natural hazards: processes, measurement and recent advances for risk reduction

*James TERRY, National University of Singapore, Singapore
James GOFF, Australian Tsunami Research Centre, Australia

IWG03 - Critical Phenomena in the Earth's System Processes: Applications of Fractal, Chaos and Catastrophe theory

*Ram Krishna TIWARI, NGRI, India
Saumen MAITI, IIG, India

IWG04 - Space Education

*Masa-yuki YAMAMOTO, Kochi University of Technology, Japan
Koichiro OYAMA, National Cheng Kung University, Taiwan
Bhawani Shanker PALIWAL, Department of Geology, Jai Narain Vyas University, Jodhpur, India
Hoe Teck TAN, Catholic Junior College, Singapore
K MIN, KAIST, South Korea
Roland Emerito OTADOY, University of San Carlos, Philippines
C.J PAN, National Central University, Taiwan
Libo LIU, Chinese Academy of Sciences, China
Narayana Rao DAGGUMATI, SRM University, India
Afia AKHTAR, Geological Survey of Bangladesh, Bangladesh

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