

ASIA ELECTROMAGNETICS SYMPOSIUM (ASIAEM) 2015

3-8 August 2015
Jeju, Republic of Korea

The first ASIAEM symposium will be held in Jeju island, Republic of Korea. ASIAEM 2015 will continue the AMEREM/EUROEM tradition of bringing together the:

- 20th High-Power Electromagnetics Conference (HPEM 20)
- 13th Ultra-Wideband, Short-Pulse Electromagnetics Conference(UWB SP 13)
- 13th Unexploded Ordnance Detection and Range Remediation Conference (UXO 13)

It's our great pleasure to invite you to join us for ASIAEM 2015 Symposium. It provides a forum within the international scientific and engineering community in High-Power Electromagnetics. The conferences in Asia will be held biennially (odd-numbered years).

Internationally renowned experts from many countries will await you in Jeju. We are looking forward to seeing you in the beautiful island of Jeju.

AWARDS

Both Outstanding Young Investigator Award and Student Best Paper Award will be established to encourage both outstanding young investigators and students to make great contributions in the field of High-Power Electromagnetics.

IMPORTANT DATES

Proposals for Special Sessions	20 th January 2015
Paper submission	22 nd March 2015
Notification of Acceptance	22 nd April 2015
Deadline for Author Registration	06 th June 2015

CONFERENCE EMAIL

asiaem2015@mail.xjtu.edu.cn

ORGANIZERS



Xi'an Jiaotong University, China



Inha University, Republic of Korea

For more information about ASIAEM2015, please visit conference website of <http://www.asiaem.org> or <http://asiaem2015.xjtu.edu.cn>.

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SCOPE

General technical areas for ASIAEM 2015 are: *High-Power Electromagnetics (HPEM)*, *Ultra Wideband (UWB)* and *Unexploded Ordnance (UXO)*. Under these main headings, the Technical Program for ASIAEM 2015 is organized into 13 Technical Committees (TCs), as shown below.

Technical Committee	Broad Area	Description
TC 1	HPEM	Sources, Antennas and Facilities (both wideband and narrowband)
TC 2	HPEM	Applications of Coupling to Structures and Cables
TC 3	HPEM	Measurement Techniques
TC 4	HPEM	IEMI Threats, Effects and Protection
TC 5	HPEM	System-level Protection and Testing
TC 6	HPEM	Lightning EM Effects
TC 7	HPEM	Numerical Models and Modeling
TC 8	HPEM	Bio-effects and Medical Applications of EM Fields
TC 9	UWB	Antenna Design, Radiation and Propagation
TC 10	UWB	Radar Systems (Signal Processing and Security) Aspects
TC 11	UWB	Target Detection, Discrimination and Imaging
TC 12	UXO	Landmine and IED Detection and Neutralization
TC 13	HPEM	Electromagnetic Transients in UHV/EHV Transmission Lines and Substations

SPECIAL SESSIONS

In addition to the 13 TCs identified above, we plan to organize Special Sessions on topics of current interest. You are welcome to submit your proposals to organize special sessions to the Technical Program Committee.

Four such Special Sessions have already been proposed.

SS01	Design and Testing of Protective Devices and Test Methods
SS02	Evaluation of HEMP Impacts on Critical Infrastructure
SS03	Explosive Devices Effects and Protection for HPEM
SS04	Protection of the Critical Infrastructures from IEMI

GENERAL INFORMATION

The conference will be organized by the State Key Laboratory of Electrical Insulation and Power Equipment, Xi'an Jiaotong University in China and Inha University in Republic of Korea. The working language of the conference is English. There will be a technical exhibition during the conference. Gala banquet and cocktail/welcome reception are being planned.

CONFERENCE LOCATION

Jeju Island is a temperate volcanic isle which lies about 120 km off the southern coast of the South Korean mainland. Jeju Island has also been called the "Hawaii of Korea" due to its temperate climate. It is also a tourist resort in Korea, including Jongbang Waterfall, Ancient Lava Estuary, Sunrise Peak, Sopjikoji, Folk Village, etc.

PAPER SUBMISSION

All paper submissions should follow the A4 size Two-Column Format. Each submission will be reviewed by a team of reviewers and can have 1-3 pages containing sufficient information to allow the International Scientific Committee to evaluate their contributions.

SUPPORTED BY



State Key Laboratory of Electrical Insulation and Power Equipment, China.



The Korean Institute of Electrical and Electronic Material Engineers, Republic of Korea



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