

## Asian Electromagnetics Symposium 2017 (July 23-27, 2017)



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The next ASIAEM symposium will be held in Bengaluru, India. ASIAEM 2017 will continue the AMEREM/EUROEM tradition of bringing together the:

- ✓ 22<sup>nd</sup> High-Power Electromagnetics Conference
- ✓ 15<sup>th</sup> Ultra-Wideband, Short-Pulse Electromagnetics Conference
- ✓ 15<sup>th</sup> Unexploded Ordnance Detection and Range Remediation Conference

It's our great pleasure to invite you to join us for ASIAEM 2017 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 are expected to participate.

**AWARDS** Outstanding Early Career and Best Student Paper will be awarded to encourage both outstanding young investigators and students making valuable contributions in the field of High-Power Electromagnetics.

### IMPORTANT DATES

Proposals for Special Sessions	20 January 2017
Paper submission	22 February 2017
Notification of Acceptance	22 March 2017
Deadline for Author Registration	01 June 2017

### ORGANIZERS



SUMMA  
FOUNDATION



Society of EMC  
Engineers (India)

Conference website:

[www.asiaem2017.org](http://www.asiaem2017.org)

for additional info. Please contact:

Dr. D. V. Giri [Giri@DVGiri.com](mailto:Giri@DVGiri.com)

#### Conference Chair

D. V. Giri (Pro-Tech and Univ. of New Mexico, USA)

#### Conference Co-Chair:

D. C. Pande (EMC Society, India)

#### Technical Program Committee:

**TPC Chair:** D. V. Giri (Pro-Tech)

**TPC Vice Chair:** William Radasky (Metatech)

#### Advisors:

Richard Hoad (QinetiQ)

Yanzhao Xie (Xi'an Jiaotong University)

Edl Schamiloglu (University of New Mexico)

#### Exhibition Committee Chair:

Sanjay Singh (ETS-Lindgren, India)

#### OpenConf Software:

**Managed by:** J. Gaudet (Univ. of New Mexico)

#### Awards Committee Chair:

Felix Vega (National Univ. Of Bogota, Colombia)

#### Organizing Committee Chair (India):

**Dhiraj K. Singh (LRDE, Bengaluru, India)**

**Event Manager:** Kris Narayan

#### International Scientific Committee

Mats Backstrom	William Prather
Amitabha Bhattacharya	Farhad Rachidi
Jin Soo Choi	William Radasky
Everett Farr	Shiva S. Rai
Lars Ole Fichte	R. K. Rajawat
Robert Gardner	Marcos Rubinstein
D. V. Giri	Frank Sabath
J. Guo	Archana Sharma
Richard Hoad	Dhiraj K. Singh
C. S. Huh	Manjit Singh
Koichi Ito	Sanjay Singh
P. K. Jain	Paul Smith
Tae Heon Jang	B. Subbarao
Armin Kaelin	Joy Thomas
Sudhir Kamath	Sachin Umbarkar
Chaouki Kasmi	Felix Vega
Nicolas Mora	Yanzhao Xie
Markus Nyffeler	Peter Zwamborn
Janet O'Neil	
D. C. Pande	
Jean-Philippe Parmantier	

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### Technical Scope

General technical areas for ASIAEM 2017 are: High-Power Electromagnetics (HPEM) that includes Nuclear Electromagnetic Pulse (NEMP), Lightning and High-Power Microwaves (HPM), Ultra-Wideband (UWB) and Unexploded Ordnance (UXO).

Under these topic areas, the Technical Program for ASIAEM 2017 is organized into 14 Technical Committees (TCs), as shown below.

Technical Committee	Broad Area	Description
TC 01	HPEM	Sources, Antennas and Facilities
TC 02	HPEM	Coupling to Structures and Cables
TC 03	HPEM/UWB	Measurement Techniques
TC 04	HPEM	IEMI Threats, Effects and Protection
TC 05	HPEM	System-level Protection and Testing
TC 06	HPEM	Lightning EM Effects/Measurement
TC 07	HPEM	Analytical and Numerical Modeling
TC 08	HPEM	Bioeffects/ Medical Applications
TC 09	UWB	Antenna Design and Radiation
TC 10	UWB	Radar Systems (Signal Processing Security Aspects)
TC 11	UWB	Target Detection, and Imaging
TC 12	UXO	Landmine and IED Detection and Neutralization
TC 13	HPEM and Power Lines	EM Transients in UHV/EHV Trans Lines and Sub stations
TC 14	HPEM	Statistical Methods in HPEM

In addition to the 14 TCs, we solicit proposals for Special Sessions.

### General Information

The conference is sponsored by SUMMA Foundation in partnership with the Society of EMC Engineers (India). The working language of the conference is English. There will be a technical exhibition and a Welcome Reception. A Gala Banquet will also be arranged.

### Conference Location

The conference will be held at the Sheraton Grand Bengaluru Hotel at Brigade Gateway. Bengaluru is the current official name of the city of Bangalore, which has been called the "Silicon Valley of India" with Electronics, Aerospace, and Information Technology Multi-National Companies.

### Paper Submission

We will only require a single page extended abstract in an A4 size paper with 2-column format. Paper submission and reviews will be handled on-line using OpenConf software. Every paper will be reviewed by two independent reviewers and advocated by TC/SS Chairs. The Awards Committee will require full-length papers selected for Best paper Award consideration.

### Sponsorship Opportunities

We Welcome sponsors for ASIAEM 2017. Sponsors will be recognized by logos added to the ASIAEM 2017 website with a link to their company website, a half page and company advertisement in the abstract book and complementary exhibit booth during the conference.