

# Asian Electromagnetics Conference (ASIAEM) 2019

September 15-20, 2019 | Xi'an, China

ASIAEM 2019 will be held in Xi'an, China. ASIAEM 2019 will continue the AMEREM/EUROEM/ASIAEM tradition of bringing together the :

- 25<sup>th</sup> High-Power Electromagnetics Conference (HPEM 25)
- 18<sup>th</sup> Ultra-Wideband, Short-Pulse Electromagnetics Conference (UWB SP 18)
- 18<sup>th</sup> Unexploded Ordnance Detection and Range Remediation Conference (UXO 18)

It's our great pleasure to invite you to join us for ASIAEM 2019. It offers a forum within the international scientific and engineering community in High-Power Electromagnetics. Internationally renowned experts will await you in Xi'an. We're looking forward to seeing you in this historically famous city.

## Awards

Young Scientist Award, Best Paper Award, and Best Student Paper Award will be rewarded to outstanding researchers especially young investigators and students in the field of High-Power Electromagnetics.

## Important Dates

Proposals for special sessions	1 <sup>st</sup> November 2018
Deadline for paper submission	10 <sup>th</sup> April 2019
Notification of acceptance	22 <sup>nd</sup> May 2019
Deadline for early-bird registration	30 <sup>th</sup> June 2019

## Conference Email

[asiaem2019@mail.xjtu.edu.cn](mailto:asiaem2019@mail.xjtu.edu.cn)

## Organizer



Xi'an Jiaotong University, China

## Technical Sponsor



SUMMA Foundation

## Conference Chair

Yanzhao Xie,  
Xi'an Jiaotong University, China

## Technical Program Committee

### TPC Chair:

William Radasky  
Metatech, USA

### Advisors:

D. V. Giri  
Pro-Tech, USA

Richard Hoad  
QinetiQ, UK

### TPC Co-Chair:

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## International Scientific Committee

W.-J. Chen,	J.-S. Luo,	S.-H. Wang,
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S.-T. Li,	C. Meng,	A. Wraight,
Y.-D. Li,	K. Mittal,	Janet O'Neill,
Kasmi Chaouki,	L. Palisek,	Jaimin Lee,
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S. W. Choi,	F. Rachidi,	J. Lee,
J.-H. Deng,	J.-G. Rhee,	P. Smith,
E. Farr,	F. Sabath,	Dong-Ho Kim,
R. Gardner,	Y.-J. Yoon,	Shi Qiu,
J. Guo,	D. C. Pande,	P. Zwamborn,
T.-H. Jang,	M. Nyffeler,	Q. Liu,
S. B. Jeon,	M. Rubinstein,	Nicolas Mora,
A. Kaelin,	Chang-Su Huh,	F. Vega,
A. Wraight,	Woochul Park,	Dhiraj K. Singh,
Jin Soo Choi,	J.-P. Parmantier,	Jong-Gwan Yook
A. Bhattacharya,		

For more information about ASIAEM 2019, please visit conference website: <http://www.asiaem.org>



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## Scope

The Technical Program for ASIAEM 2019 is organized into 18 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
TC 13	HPEM	Electromagnetic Transients in UHV/EHV Transmission Lines and Substations
TC 14	HPEM	Design of Protective Devices and Test Methods
TC 15	HPEM	Evaluation of HEMP/IEMI Impacts on Critical Infrastructure
TC 16	HPEM	Explosive Devices Effects and Protection for HPEM
TC 17	HPEM	Statistical Methods in HPEM
TC 18	HPEM	HPEM Standards

## Special Sessions

In addition to the 18 TCs identified above, we plan to organize special sessions on topics of current interest, of which the proposals are being collected by the Technical Program Committee.

## Social Events

The conference will be organized by Xi'an Jiaotong University in China. There will be a technical exhibition during the conference. A gala banquet and a cocktail/welcome reception will be held.

## 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.

## Conference Venue

As the hometown of Terra Cotta Warriors and Horses, Xi'an is one of the oldest cities in the world with a vivid and rich history and culture.

## Sponsorship Opportunities

Sponsors will be recognized by logos added to the ASIAEM 2019 website with a link to their company website, a half page and company advertisement in the program book and complementary exhibit booth during the conference.

## Contacts:

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