

August 24th – 28th 2020 | Hamburg, Germany

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## Conference

EuroEM 2020 is going to be held in Hamburg, Germany. It will continue the AMEREM/EUROEM/ASIAEM tradition of bringing together the :

- 26<sup>th</sup> High-Power Electromagnetics Conference (HPEM 25)
- 19<sup>th</sup> Ultra-Wideband, Short-Pulse Electromagnetics Conference (UWB SP 19)
- 19<sup>th</sup> Unexploded Ordnance Detection and Range Remediation Conference (UXO 19)

It is our great pleasure to invite you to join us for EuroEM 2020. It offers a forum within the international scientific and engineering community in High-Power Electromagnetics. Internationally renowned experts will await you in Hamburg. We're looking forward to seeing you in Northern Germany.

## Awards

Early Career Award, Best Paper Award and Best Student Paper Award will be established to encourage outstanding investigators especially young investigators and students to make great contributions in the field of High-Power Electromagnetics.

## Important Dates

Open date for submission	1 <sup>st</sup> December 2019
Proposals for special sessions	15 <sup>th</sup> February 2020
Paper submission	1 <sup>st</sup> April 2020
Notification of Acceptance	1 <sup>st</sup> May 2020
Deadline for Author Registration	06 <sup>th</sup> July 2020

## Conference Email

[euroem2020@hsu-hh.de](mailto:euroem2020@hsu-hh.de)

## Organizer



Helmut Schmidt University,  
Germany

## Technical Sponsor



**SUMMA**  
FOUNDATION

SUMMA Foundation  
<http://ece-research.unm.edu/summa/index.htm>

## Conference Chair

*Lars Ole Fichte*

Helmut Schmidt University, Germany

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## Scope

The Technical Program for EuroEM 2020 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. You are welcome to submit your proposals to the Technical Program Committee.

## General Information

The conference will be organized by Helmut Schmidt University, Germany. 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.

## 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 Location

As “Germany’s gate to the world”, Hamburg is a vibrant metropolis that will cater to every visitors’ wishes, from lush parks to a thriving nightlife scene.

## Sponsorship Opportunities

Sponsors will be recognized by logos added to the EuroEM 2020 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.

## Contact

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