



# Call For Papers

ACES-China 2024

## 2024 International Applied Computational Electromagnetics Society Symposium

August 16-19, 2024, Xi'an, China

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Lei Chen, Xidian University

#### Special Session Chairs:

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#### Website Chairs:

Yan Shi, Xidian University  
Zhongxun Liu, Xidian University

#### Local Arrangements Chairs:

Huiqing Zhai, Xidian University  
Wen Jiang, Xidian University

#### Conference Secretariat:

Hua Li, Xidian University  
Yanhua Cao, the 39th Institute, CETC

### Important Dates

Paper Submission Deadline: ~~May 31~~ **June 15, 2024**

Notification of Acceptance: **July 1, 2024**

Final Paper Submission Deadline: **July 31, 2024**

Early Bird Registration Deadline: **July 31, 2024**

Registration Deadline: **August 19, 2024**

### Topics of Interest

5G/6G, Complex Electromagnetic Environment Effects (E3), Electromagnetic Compatibility (EMC), High-Power Microwave Effects, EM Protection Devices and Structures, EDA and Industry EM Control and Regulation in Marine and Space, Multi-function EM Protection, Inverse Design of Radio Frequency Front-End, Inverse Design, Optimization Technique;

Artificial Intelligence, Machine Learning, Deep Learning for EM Inverse Problems, Uncertainty Quantifications, Low Frequency EM, EM Scattering and Detection of Complex Ground/Maritime Environment Target, EM Measurement, Random Media and Periodic Structure Scattering, Quantum EM, Multiphysics Modeling and Simulation for Integrated Packaging System;

Mobile System, Millimeter-Wave Antennas, Reconfigurable Antennas, Antenna Array, Beam Scanning Antennas, Millimeter-Wave Propagation, Ground-Penetrating Radar Inversion Imaging, Metamaterial/Metasurface, Topological EM, Reconfigurable Metadevices, OAM Mode Theory;

EM Structure Modeling and Design, RF Transistors and Circuits, Large-Scale Circuit and System, Power EM, EMC of Antenna Systems, EMI Reduction, EM Diagnosis, Vacuum Electronics, Spintronics Materials and Devices, EM Materials;

Software, Radio Frequency Integration Systems, Semi-Analytical Methods, Differential Equation Methods, Integral Equation, Hybrid Fast Algorithms, High-Frequency Asymptotic Algorithms, Domain Decomposition and Preconditioners, High Performance Computation, Computational Uncertainty Quantifications;

Characteristic Modes and Eigenmodes, Wave Propagation, Complex Media, Programmable and Intelligent Metasurface, Optical Communication Networks, Terahertz Electronics Applications, Wireless Optical Communication, AI in Nanophotonic and Metamaterials Design, and Others.

### Electronic Paper Submission

Prospective authors are invited to submit manuscripts in electronic (PDF) format only through <http://paper.myconf.com.cn/login?deptId=206>. All papers must be written in English. Please submit one-page abstract or full paper of 2-3 pages including text, references, and figures. All papers will be peer reviewed and will be included in ACES and IEEE Xplore indexed by Engineering Index (EI) after presentation at the conference.

### Email and Website

Email: [aces-china@myconf.com.cn](mailto:aces-china@myconf.com.cn)

<http://www.myconf.com.cn/ACESChina2024/index.html>



ACES

Welcome to ACES-China 2024! This is the International ACE Society’s annual conference on Computational Electromagnetics Methods for Various Applications in Electromagnetic Science and Engineering. Founded by the International Applied Computational Electromagnetics Society, ACES-China is the continuation of a series of annual conference held in Suzhou (2017), Beijing (2018), Nanjing (2019), Chengdu (2021), Xuzhou (2022) and Hangzhou (2023).

Xi'an

Xi'an, The Glorious Ancient Capital of a Thousand Years, located in the central part of Shaanxi Province, China, is a city with a long history and rich cultural heritage. As one of the ancient capitals of China, it served as the capital of the Western Zhou Dynasty, the Qin Dynasty, and the Tang Dynasty. Xi'an is renowned for its abundant historical relics and cultural landmarks. Here, you can find ancient and majestic architecture, magnificent ancient sites, and unique cultural traditions, which attract numerous visitors to explore. Let us delve into the splendor of this millennium-old city.

VENUE/TRANSPORTATION

Hotel: Sofitel Xian on Renmin Square  
Grand Mercure Xian on Renmin Square  
Address: 319 Dongxin Street, Xincheng District, Xi'an  
Tel: 杨经理, 13087572776 (报ACES会议)



Organizers

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- National Key Laboratory of Radar Detection and Sensing

Co-Organizers

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- Xi'an Branch of China Academy of Space Technology
- Shaanxi University of Science and Technology
- Northwestern Polytechnical University
- The 20th Research Institute of CETC

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- The Applied Computational Electromagnetic Society
- CIE Antennas Society
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