

# The 9th International Symposium on Antennas, Propagation, and EM Theory

November 29 - December 2, 2010 Guangzhou, CHINA

## Announcement and Call for Papers ISAPE 2010



ISAPE, a serial symposium on AP and EM Theory, always offers an active forum for exchanging creative ideas and experiences of the latest developments, designs in the areas of antennas, propagation, and electromagnetic theory for professors, researchers, engineers and excellent students all over the world. ISAPE 2010 will be held in Guangzhou, China. All prospective papers in the areas of antennas, propagation, electromagnetic theory, computational electromagnetic, and EMC are welcome. All papers accepted will be indexed by the INSPEC database and EI Compendex.

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<http://www.crip.ac.cn/isape2010>

# SUGGESTED TOPICS

## A. Antennas & Related Topics

- A1. Microstrip & Printed Antennas
- A2. Active & Integrated Antennas
- A3. Array Antennas, Phased Arrays and Feeding Circuits
- A4. Small Antennas
- A5. Adaptive & Smart Antennas
- A6. Multi-Band/Wideband Antennas
- A7. Wire & Slot Antennas
- A8. Aperture Antennas & Feeds

## B. Propagation & Related Topics

- B1. Mobile & Indoor Propagations
- B2. Mobile Channel Characterization & Modeling
- B3. Millimeter & Optical Wave Propagations
- B4. Earth-Space & Terrestrial Propagations
- B5. Radio Meteorology
- B6. Remote Sensing
- B7. SAR Polarimetry & Interferometry
- B8. Tunnel Propagation

## C. EM Theory & Related Topics

- C1. Bioelectromagnetics
- C2. EM Fields in Complex Media
- C3. Geo-electromagnetics
- C4. Theoretical Electromagnetics & Analytical Methods
- C5. Transient EM fields
- C6. High-Frequency Techniques
- C7. Nonlinear Electromagnetics
- C8. Random Media & Rough Surfaces
- C9. Waveguiding Structures

- A9. Millimeter Wave & Sub-Millimeter Wave Antennas
- A10. Optical Technology in Antennas
- A11. Antennas in Mobile Communication
- A12. Antenna Measurements
- A13. FSS, Polarizers & Radomes
- A14. Reconfigurable Antennas & Arrays
- A15. Reflector/Lens Antennas & Feeds
- A16. Others

- B9. Propagation in Ionized and Non-Ionized Media
- B10. Radio Astronomy
- B11. Ionospheric Modification
- B12. Tropospheric, Stratospheric and Ionospheric Sounding
- B13. Incoherent Scatter Radar & Observations
- B14. Others

- C10. Time-Domain Techniques
- C11. Inverse Problems & Imaging
- C12. Scattering, Diffraction, & RCS
- C13. Metamaterials & Electromagnetic Bandgap Structures
- C14. Measurement Techniques
- C15. Nano-Electromagnetics
- C16. Seismo-Electromagnetics
- C17. Others

## **D. Computational Electromagnetics**

- D1. Integral Equation Methods
- D2. Differential Equation Methods
- D3. Hybrid Techniques
- D4. Optimization Techniques for CEM
- D5. Asymptotic & High-Frequency Techniques
- D6. Low-Frequency Electromagnetics
- D7. Computational Bioelectromagnetics
- D8. Pre- & Post-Processing
- D9. Nondestructive Techniques
- D10. NEC Modeling & Analysis
- D11. FEKO Modeling & Analysis
- D12. CST Modeling & Analysis
- D13. MEFiSTo Modeling & Analysis
- D14. Object-Oriented Computational Electromagnetics
- D15. Transmission-Line Theory
- D16. Others

## **E. Electromagnetic Compatibility & Related Topics**

- E1. Probe & Sensor
- E2. Absorbing Materials
- E3. Test Chambers
- E4. EMC Test & Measurement
- E5. Coupling & Crosstalk
- E6. EMC Standards
- E7. EM Environment
- E8. Automotive EMC
- E9. EM Bioeffects
- E10. EMC in Communications
- E11. EMC in Power Engineering
- E12. Lightning, ESD & EMP
- E13. EMC in Computer & PCBs
- E14. Shielding, Filtering & Grounding
- E15. EMC in Microelectronics
- E16. Immunity & Susceptibility
- E17. Spectrum Management
- E18. EMI Prediction Analysis & Reduction Technique
- E19. EMC Education
- E20. Others

## **F. Others**

- F1. High-Power Microwave Applications
- F2. UWB & Impulse Applications
- F3. Ubiquitous Network Systems
- F4. Satellite Communication Systems
- F5. Radio Technologies for Intelligent Transport Systems
- F6. Subsurface Sensing
- F7. MEMS-NEMS & MMIC
- F8. Passive & Active Circuits
- F9. Power Amplifiers, Linearization, & Active Component
- F10. Millimeter Wave & Sub-Millimeter Wave Components, Circuits & Systems
- F11. Signal Processing for Communications
- F12. Advanced Process, Packaging & Integration Technologies
- F13. 3D RF Technology
- F14. Electromagnetic Materials
- F15. Electromagnetic Environment Effects (E3)
- F16. Earthquake Precursors & Monitoring
- F17. THz Technology

## **SUPPORTED BY:**

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## **LOCAL ORGANIZERS:**

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Prof. Zhenwei Zhao, CRIRP, China

## **PROCEEDINGS:**

The ISAPE Proceedings CD of full papers with IEEE and the Library of Congress Catalog Numbers will be available to all delegates attending the conference. The papers accepted by the conference will be indexed by INSPEC database and EI Compindex, and will be published in *Chinese Journal of Radio Science*, which is indexed by EI Compindex.

## **WORKING LANGUAGE:**

The working language of the conference is English, which will be used for all printed materials, presentations and discussions.

## **PAPER SUBMISSION GUIDELINES:**

All papers are limited to 4 pages and must be in double-column format. The papers should be submitted via the ISAPE website

<http://www.crip.ac.cn/isape2010>.

## **IMPORTANT DATES:**

Full Paper Submission: August 31, 2010;

Acceptance notification: September 30, 2010;

Workshop/Tutorial Material: October 15, 2010.

## **CONTACT US:**

Prof. Zhenwei Zhao

[isape2010@hotmail.com](mailto:isape2010@hotmail.com)

