

2005 IEEE/ACES International Conference

on Wireless Communications and Applied Computational Electromagnetics

April 3-7, 2005, Hilton Hawaiian Village, Honolulu, Hawaii

Sponsors

IEEE Antennas and Propagation Society (<http://www.ieeeaps.org>),
Applied Computational Electromagnetics Society (<http://aces.ee.olemiss.edu>)
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IEEE Microwave Theory and Techniques Society (<http://www.mtt.org>)



Suggested Technical Topics

Wireless Communications Topics

Phased array antennas
Smart antennas and arrays
UWB systems
MIMO systems
Channel modeling
Wireless testbed
Mobile and PCS antennas
Active antennas
Wideband and multi-frequency antennas
Advanced RF & microwave circuits design
Millimeter wave and terahertz technologies
DOA estimation techniques
Adhoc and adaptive networks

ACES Topics

Low frequency electromagnetic applications
Hybrid techniques
Inverse scattering techniques
Finite element methods
Fast and efficient CEM methods
Wavelet and TLM modeling
Neural network techniques for CEM
Optimization techniques for CEM
Asymptotic and high frequency techniques
Integral Equation Methods
Differential Equation Methods
NEC modeling and analysis
Signal processing antennas

Joint Topics

Time domain methods
Metamaterials
EMC/EMI
MEMS and MMIC
Wave propagation
Radar applications
Computational bio-electromagnetics
Remote sensing applications

Submission Guideline

Authors of original work in the technical areas of interest are encouraged to submit (4) page summary of their work through the electronic submission system available at <http://hcac.hawaii.edu/conferences/ieeeaces2005/>. Authors should select a technical area of interest for each uploaded paper. Deadline for submission is December 15, 2004.

Steering Committee

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