

Frontiers in Applied Computational Electromagnetics



University
of Victoria



IEEE

FACE 2006

June 19 – 20, 2006, University of Victoria, Victoria, BC, Canada.

Technically Co-sponsored by IEEE AP and MTT Societies

International Steering Committee

*Prof. J.W. Bandler, McMaster University, CANADA
Prof. P. Russer, Tech.University of Munich, GERMANY
Prof. R. Sorrentino, University of Perugia, ITALY
Prof. R. Vahldieck, ETH Zürich, SWITZERLAND
Prof. C. Christopoulos, University of Nottingham, U.K.
Prof. T. Itoh, U.C.L.A., U.S.A.*

International Advisory Committee

*Mr. D. Gorcea, Flextronics, CANADA
Prof. M. Okoniewski, University of Calgary, CANADA
Prof. N. Nikolova, McMaster University, CANADA
Prof. K. Wu, Ecole P. Montreal, CANADA
Prof. C. Trueman, Concordia University, CANADA
Prof. Q.J. Zhang, Carleton University, CANADA
Prof. M. Ney, LEST-CNRS, Brest, FRANCE
Prof. T. Weiland, Tech. Uni. of Darmstadt, GERMANY
Prof. M. Mongiardo, University of Perugia, ITALY
Prof. L. Roselli, University of Perugia, ITALY
Prof. C.H. Chan, CityU, Hong Kong, CHINA
Prof. K.W. Leung, CityU, Hong Kong, CHINA
Prof. K.M. Luk, CityU, Hong Kong, CHINA
Prof. T. Şengör, Yildiz Technical University, TURKEY
Prof. C. Balanis, Arizona State University, U.S.A.
Prof. K.C. Gupta, Hindu University of America, U.S.A.
Prof. M.M. Tentzeris, Georgia Tech, U.S.A.
Prof. A. Weisshaar, Oregon State University, U.S.A.
Mr. D. Swanson, Tyco, U.S.A.
Prof. J. Volakis, Ohio State University, U.S.A.
Prof. R. Ziolkowski, University of Arizona, U.S.A.*

Technical Program Committee

*Prof. L. De Menezes, U. of Brasilia, BRAZIL
Prof. M. Bakr, McMaster University, CANADA
Prof. Z. Chen, Dalhousie University, CANADA
Prof. E. Fear, University of Calgary, CANADA
Prof. J. LoVetri, University of Manitoba, CANADA
Prof. J. Nielsen, University of Calgary, CANADA
Prof. M. Potter, University of Calgary, CANADA
Dr. J. Uher, EMS, CANADA
Dr. M. Yu, COMDEV, CANADA
Dr. S. Kosmopoulos, Space Engineering, ITALY
Prof. M. Fujii, University of Toyama, JAPAN
Prof. I.S. Kim, Kyung-hee University, S.KOREA
Mr. D. Henke, Chalmers University, SWEDEN
Dr. L. Cascio, Agilent Technologies, U.S.A.
Dr. E. Channabasappa, Tyco, U.S.A.
Dr. M. Righi, Agilent Technologies, U.S.A.
Dr. G. Tardioli, Agilent Technologies, U.S.A.
Dr. Q. Zhang, TriQuint, U.S.A.*

Scope of the Conference

The Computational Electromagnetics Research Laboratory at the University of Victoria is pleased to host, and invites you to attend a special workshop on research in applied computational electromagnetics, FACE 2006. The main objectives of this workshop are (1) to bring together the researchers and practitioners from around the globe to exchange new ideas and application experiences in applied electromagnetic modeling, (2) to stimulate the development of algorithms and their applications to realistic and challenging problems, and (3) to explore the feasibility of building an open source computational electromagnetics system. The workshop will consist of invited special talks, contributed presentations and poster sessions. English will be the working language and selected papers are planned to be published in a Special issue of the International Journal of Numerical Modeling.

Workshop Co-Chairs

*Prof. P.P.M. So, University of Victoria, CANADA
Prof. J. Bornemann, University of Victoria, CANADA*

Workshop Secretary

Ms. D. Shannon, University of Victoria, CANADA

Main Topics

Theories and Techniques of Computational Algorithms

- Time Domain Methods
- Frequency Domain Methods
- Analytical and Semi-Analytical Approaches
- Space Mapping and Neural Networks
- Hybrid Methods

Applications

- Absorbing Boundaries
- EMC / EMI
- Nonlinear- and Meta-material Modeling
- Circuit Design and Optimization
- Photonic Structure Modeling
- MEMS Modeling and Design
- Ultra-Wide and Multi-Band Structure
- Biomedical Applications
- Electromagnetic Education

Papers Submission Information

Include a separate sheet with the corresponding author's name, complete mailing address, phone number, e-mail address, and a statement indicating the conference topics which are most appropriate to the technical contents for reviewing the paper. The complete manuscript must be written in English. The paper should be typed, single-spaced, on A4 format not more than 4 pages. Detail information and a paper template can be downloaded from the [conference website](#). Papers submissions should be emailed to Ms. Donna Shannon at DShannon@ECE.UVic.CA.

Important Dates

- Paper Submission : February 28, 2006
- Acceptance Notification : March 31, 2006
- Registration Deadline : May 31, 2006

Victoria British Columbia Canada

Victoria, British Columbia is always in season! Victoria has the mildest climate in Canada, and is a place so green all year that flowers fall out of the sky and even the lamp posts bloom. It is no wonder that it is called The Garden City! The wild beauty of the Pacific coast and the adventure of the great outdoors are within the city limits and ocean and mountain vistas will follow you wherever you go. The Garden City is a year-round tourism destination that offers a friendly, safe haven for all visitors. Getting here is very easy, and, once here, you will feel a million miles away. With a clean environment and charming ambience, it is no surprise that Victoria, BC is one of the world's favorite destinations. For additional information about Victoria, please visit www.cerl.ece.uvic.ca/face_2006.htm.