

Monday, August 2, 2004

08:30 -12:00

Hall E

**Special Focus Symposium on EcoInformatics,
Environmental Systems Research and Environmental Cybernetics**

Chairs: Prof. Enzo Tiezzi, and Dr. Elisa B. P. Tiezzi, University of Siena, Siena, Italy
Prof. Stephen Todd, University of Salford, Salford, United Kingdom

EcoDynamics Models for Sustainability Analysis (Keynote Address)

by Profs. Stefano Borsa, Maria Pia Picchi, Enzo Tiezzi, University of Siena, Siena, Italy

Goal Functions in Ecological Modeling (Keynote Address)

by Profs. Nadia Marchettini, Elisa B. P. Tiezzi and Enzo Tiezzi, University of Siena, Italy

How Could Non-Thermal Effects of High Frequency Electromagnetic Fields Influence the Learning Processes of Honey Bees: Physical Facts (Keynote Address)

by Prof. Herman Stever and Dr. Jochen Kuhn, University of Koblenz-Landau, Germany

An Advanced Approach to the Estimation of Consumption of Electric Energy (Invited Paper) by Dr. Boštjan Brumen¹, M. Jarušovec², T. Welzer¹, H. Jakkola³, L. Lhotska⁴,

¹University of Maribor, Maribor, Slovenia, ²Elektro Maribor, Maribor, Slovenia

³Tampere University of Technology, Pori, Finland,

⁴Czech Technical University in Prague, Czech Republic

Disturbing Trends Contributing to Electric Grid Blackouts

by Prof. Don O. Koval, University of Alberta, Edmonton, Alberta, Canada

by Dr. A. A. Chowdhury, MidAmerican Energy Company, Davenport, Iowa, USA, and by Dr. Keith Provost, Edmonton, Alberta, Canada and

Dr. Jim Burke, Synergetic Design, Cary, North Carolina, USA

Balancing Society's Costs of Electric Grid Blackouts and the Worth of Improved Electric Grid Reliability

by Dr. A. A. Chowdhury, MidAmerican Energy Company, Davenport, Iowa, USA, and

by Prof. Don O. Koval, University of Alberta, Edmonton, Alberta, Canada

Strategies for Key Worker Housing in the U. K. (Keynote Address)

by Prof. A. Steel and Dr. Stephen Todd, the University of Salford, United Kingdom

Urban Dynamics and Constrained Outcomes: A Multi-Regional Economic Analysis of Artificial Growth Impediments (Keynote Address)

by Dr. M. Ray Perryman, The IIAS Distinguished Professor of Economic Theory and Methods, and President, The Perryman Group, Waco, Texas, United States