

Tuesday, August 2, 2005

8:30 – 11:00

Aula

**Plenary Session on Environmental Systems Research  
and Eco-Informatics**

Joint Chair: Dr. Stephen Todd, University of Salford, UK  
Prof. Jochen Pfalzgraf, University of Salzburg, Austria

**Advances in the Study of Resilience of Complex Systems**

by Drs. Francesca Ciampalini, Federico M. Pulselli and Prof. E. B. P Tiezzi,  
University of Siena, Italy

**An EMergy-Based Comparative Analysis as Useful Tool to Make a Sustainability  
Hierarchy of Agro-Ecosystems**

by Drs. Antonio C. I. Pizzigallo, Roberto Ridolfi and Prof. Enzo Tiezzi,  
University of Siena, Italy

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

by Dr. A. A. Chowdhury, MidAmerican Energy Company, Davenport, Iowa, USA, and  
Prof. Don Koval, University of Alberta, Edmonton, Alberta, Canada

**Coffee Break 9:45 – 10:00**

**Proposals for Improving the Energy Efficiency of UK Dwellings**

by Dr. Stephen Todd, University of Salford, U.K

**Disturbing Trends Contributing to Electric Grid Blackouts**

by Prof. Don Koval, University of Alberta, Edmonton, Alberta, Canada,  
Dr. A. A. Chowdhury, MidAmerican Energy Company, Davenport, Iowa, USA,  
Dr. Keith Provost, Edmonton, Canada & Jim Burke, Synergetic Design, Cary, NC, USA

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Tuesday, August 2, 2005

11:00 – 12:30

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**Symposium on Multiagent Systems, Robotics and Cybernetics:  
Theory and Practice**

Moderator: Professor Jochen Pfalzgraf, University of Salzburg, Austria

**Formalisms for the Design of Adaptive Multiagent Systems – (Keynote Address)**  
by Prof. W. Brauer, Technical University of Munich, Germany

**DISCUSSION**