

Wednesday, August 3, 2005

9:00 – 18:00

Hall C

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

Moderator: Professor Jochen Pfalzgraf, University of Salzburg, Austria

Morning Session / 9:00 - 12:00

Welcome and Opening Talk:

On an Idea for Constructing Multiagent Systems (MAS) Scenarios

by Prof. J. Pfalzgraf, Symposium Chairman, Univ. Salzburg, Austria

Categorical Methods for Graph Transformation and Visual Modeling

Prof. H. Ehrig, Technical University of Berlin, Germany

Graph Transformation in Adhesive HLR Categories

by Dipl.-Inf. U. Prange and Prof. H. Ehrig, Technical University of Berlin, Germany

Coffee Break 10:30 - 11:00

Multiagent Simulation in a Dynamic Economic Growth Model

by Prof. M. Hosio, Osaka Univ. of Economics, Osaka, Japan

Formalisms for the Design of Adaptive Multiagent Systems"

by Prof. W. Brauer, Technical University of Munich, Germany

Afternoon Session / 14:00 - 18:00

Denial of Services Prevention through Logical Fibering

by Dipl.-Inf. M.O. Schneider and Prof. J. Calmet, University of Karlsruhe, Germany

Visual Motion Detection: an Implemented Model That Shows Interesting Properties on Reliability and Computational Cost Performance

by Prof. A. Quesada-Arencibia & Dr. R. Moreno-Diaz Jr., Univ. Las Palmas de Gran Canaria

Learning of Senso-Motor Skills and Task Knowledge from Multimodal Observation of Humans – How to Make Humanoid Robots to be Cooperative and Interactive ?

by Prof. R. Dillmann, University of Karlsruhe, Germany

Coffee Break 15:30 - 16:00

A Multiagent Model for Secure and Scalable E-Business Transactions

by Prof. J. Calmet, and Dipl.-Inf. R. Endsuleit and Prof. P. Maret,
University of Karlsruhe, Germany, and INSA-Lyon, France

Specifying the Semantics of Agent Interaction Protocols

by Prof. J. Cunningham, Imperial College London, United Kingdom

Advances in Robotics

by Prof. P. Kopacek, Technical University of Vienna, Vienna