

Tuesday, August 2, 2011

8:30 - 13:00

Hall E

SPECIAL FOCUS SYMPOSIUM

Intelligent Information Management Systems

Chair: Prof. Jens Pohl, Ph.D., CalPoly State University, San Luis Obispo, CA, USA

Semantic Transformation of Search Requests for Improving the Results of Web Search

By Vladimir Fomichov and Anton Kirillov, Department of Innovations and Business in the Sphere of Informational Technologies, Faculty of Business Informatics, National Research University (Higher School of Economics), Moscow, Russia.

An Agent Facilitated Design Conversation System for Facilitating the Designer in Creative Thinking in Architectural Design

By Geeta Arjun and Jim Plume, University of New SouthWales, Sydney, Australia.

COFFEE BREAK 10:15 – 10:30

An Intelligent Supply Chain Planning and Execution Environment

By Jens Pohl, Collaborative Agent Design Research Center (CADRC), California Polytechnic State University (Cal Poly), San Luis Obispo, California, USA.

Technology Assessment: Applied Infocyber Scenarios”

By John Halldane, Environmental Systems Consultancy, Chino, California, USA.

Tuesday, August 2, 2011

14:15 – 17:45

Hall E

Jochen Pfalzgraf Memorial Symposium I.

Moderator: Dr. Olivier Bartheye, Military Academy of St-Cyr, Guer, France

Session I. on Mathematical Theories and Computer Science

Welcome and Opening Talk

Further Major Improvements of Computer Science need Abstract Mathematics

Olivier Bartheye, CREC, Military Academy of St-Cyr, Guer, France.

Braided Tensor Categories and Computer Science

Christian Kassel, Research Institute in Advanced Mathematics, University of Strasbourg, France

COFFEE BREAK 15:45 – 16:15

Session II. On Category Theory and Graph Transformations

Categorical Constraints in Business & IT-Models

Hanna Schölzel, Technical University of Berlin, Berlin, Germany

Formal Modeling and Consistency of Apache Wave Platform Evolutions and Waves,

Karsten Gabriel, Technical University of Berlin, Berlin, Germany