Tuesday, August 3, 2010 **8:45 - 13:00** **Hall E**

SPECIAL FOCUS SYMPOSIUM

Advances in Adaptive Planning Capabilities

Chair: Prof. Jens Pohl, Ph.D.,
Executive Director
Collaborative Agent Design Research Center (CADRC)
California Polytechnic State University,
San Luis Obispo, California, USA

08:45 to 10:15 SESSION 1:

08:45 **"Knowledge-Based Collaborative Architectural Design"**
Gianfranco Carrara *and* ***Antonio Fioravanti,*** *Dept. Architettura e l'Ingegnaria, Sapienza University of Rome, and* ***Umberto Nanni,*** *Dept. Informatica e Sistemistica, Sapienza University of Rome, Italy.*

09:30 **"Intelligent Software for Ecological Building Design"**
Jens Pohl *and* ***Hisham Assal,*** *Collaborative Agent Design Research Center (CADRC), California Polytechnic State University (Cal Poly), San Luis Obispo, and* ***Kym Jason Pohl,*** *CDM Technologies, San Luis Obispo, California, USA.*

10:15 to 10:30 Coffee Break:

10:30 to 12:00 SESSION 2:

10:30 **"A Multilingual Algorithm of Text Semantic-Syntactic Analysis for Adaptive Planning Systems "**
Vladimir Fomichov*, Department of Innovations and Business in the Sphere of Informational Technologies, Faculty of Business Informatics, State University – Higher School of Economics, Moscow, Russia.*

11:15 **"A Decision Table Based Framework for Sub-Plan Meshing in Adaptive Agent Based Collaboration"**
Gahangir Hossain *and* ***M. Yeasin,*** *Computer Vision, Perception and Image Analysis Laboratory, Department of Electrical and Computer Engineering, University of Memphis, Tennessee, USA.*

12:00 **Wrap-Up Discussion**