Joint COMPSAC/SAINT Panel

SAINT 2011

International Perspectives on Computed World:
Software beyond the Digital Society

Chair
Stephen S. Yau, Arizona State University, USA

Panelists
Alan Blatecky, National Science Foundation, USA
Kazuo Furukawa, Hitachi, Ltd., Japan
Wolfgang Kellerer, NTT DOCOMO, Germany
Alkis Konstantellos, European Commission, Belgium
Zhi Jin, Peking University, China

Theme
Creating the digital society and beyond needs all aspects of computing, software development, and software systems engineering. The computed world embraces not only the Information Technology world, but also the physical world. Building on computationally smart environments, and trustworthy, secure, and dependable distributed software this panel explores different perspectives on developing software beyond the digital society. Panelists will each address several international perspectives in a brief statement, with the bulk of the panel being discussion and audience interaction. Panelists will address their vision for software beyond the digital society the major impediments to achieving this vision; opportunities for collaboration across industry, academic, funding agency, and international boundaries; possible negative impacts or risks of developing software beyond the digital society, including societal, security, and ethical considerations; and educating students, architects, and society as users of the proposed vision.