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CECS Seminar

“Intuitive, Inoperable, Intelligent – A Look into Current Automation Engineering Research”



Gustavo Quiros

Research and Technology Manager at Siemens Technology

Wednesday, April 26th
3:00-4:00 p.m. PST
Location: EH 2430

Abstract: Intuitive, Interoperable, Intelligent – The future of automation engineering will embrace these basic characteristics to continuously reduce the effort and expertise required by engineers to implement industrial automation solutions while increasing the flexibility and the capabilities of engineering tools. This talk will give an overview of several research activities in the area of industrial automation engineering, showing how they aim to realize these three basic characteristics, and provides a vision for automation engineering in the near future.

Biography: Dr. Gustavo Quiros A. is a Research and Technology Manager at Siemens Technology. He specializes in industrial automation engineering, programming languages and software engineering. He holds a B.Sc. degree in Computer Engineering from Instituto Tecnológico de Costa Rica, a M.Sc. degree in Software Systems Engineering and a Dr.rer.nat. degree in Process Control Engineering from RWTH Aachen University. He obtained summa cum laude and the Borchers-Badge of RWTH Aachen University for his doctoral dissertation “Model-based Decentralized Automatic Management of Product Flow Paths in Processing Plants”. He also obtained the NAMUR Award “Process Automation” 2010 from the User Association of Automation Technology in Process Industries.

Hosted By: Prof. Mohammad Al Faruque