

The IEEE SMC-RAS Tunisia Joint Chapter

is inviting all interested IEEE members
to a Society Distinguished Lecturer on



Distributed Intelligence Systems: A New Paradigm for Systems Integration



by Prof. **William A. Gruver**, Simon Fraser University, Canada

Professor Emeritus of Engineering Science
Fellow IEEE, Sr. Past President of the IEE SMC Society
President of Intelligent Robotics Corporation
Head of iDEA Lab (Intelligent and Distributed Enterprise Automation Laboratory)
3 books on robotics, automation, control, and optimisation, More than 215 papers
His current research emphasizes the development of distributed intelligence
technologies and their application to manufacturing automation, robotic systems,
digital services, and energy systems management.

Abstract: This lecture provides an overview of the technologies of distributed intelligence systems that have been developed by the presenter and his company, students, and colleagues, in cooperation with the Holonic Manufacturing Systems Consortium, and members of the Technical Committee on Distributed Intelligent Systems of the IEEE Systems, Man, and Cybernetics Society. A hardware and software architecture will be described for a wireless distributed intelligence system infrastructure being developed at Intelligent Robotics Corporation in cooperation with the Intelligent/Distributed Enterprise Automation Laboratory of Simon Fraser University. Some recent applications of distributed intelligence systems will be described, including distributed trading of digital services, personnel and goods tracking, wireless automated meter reading, and resource management in distributed energy systems.

**DISTINGUISHED
LECTURER!**

Date: **Wednesday, March 25, 2009**

Time: **10:00 am - 12:00 am**

Place: **Mercure Diar El Andalous 5* Hotel,
Port El Kantaoui, Sousse – Tunisia**