



RTSS@Work: Open Demo Session of Real-Time Systems

Presentations: Salon F

Demos & Reception: Grand Foyer

17:30 – 18:00

Presentations

Reconfiguration-based Energy Optimization in Battery Systems: a Testbed Prototype

Liang He, Shaodong Ying and Yu Gu

Distributed Real-time Fault Tolerance on a Virtualized Multi-Core System

Eric Missimer, Ye Li and Richard West

Demonstrator for Modeling and Development of Component-based Distributed Real-time Systems with Rubus-ICE

Alessio Bucaioni, Saad Mubeen, John Lundbäck, Kurt-Lennart Lundbäck, Jukka Mäki-Turja and Mikael Sjödin

DREMS: A Toolchain and Platform for the Rapid Application Development, Integration, and Deployment of Managed Distributed Real-time Embedded Systems

William Emfinger, Pranav Kumar, Abhishek Dubey, William Otte, Aniruddha Gokhale and Gabor Karsai

Atacama: An Open Experimental Platform for Mixed-Criticality Networking on Top of Ethernet

Gonzalo Carvajal and Sebastian Fischmeister

Demonstrating Dynamic Ethernet Virtualization for Efficient Bandwidth Management

João Reis, Tiago Silva, Luis Almeida, Ricardo Marau and Paulo Pedreiras

XtratuM Hypervisor for Mixed-Criticality Systems: Configuration and Deployment

M. Masmano, J. Coronel, P. Balbastre, A. Crespo, J. Simó and S. Peiró

18:00

Demos and Reception