

September 22-26 2009, Palma de Mallorca, Spain

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Track 2. INDUSTRIAL COMMUNICATION SYSTEMS

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Sponsored by: Technical University of Catalonia (UPC), University
of Balearic Islands (UIB), Spain and IEEE Industrial Electronics
Society

Research Topics:

- Real-time networks:
implementation issues; message scheduling; performance analysis;
dependability and fault tolerance aspects.
- Vertical Integration issues in Industrial Communication Systems:
web-based setup, maintenance and configuration; internetworking.
- Middleware for Industrial Communication Systems:
system design and architecture; self-configurable systems;
integration support.
- Formal description techniques for the verification, validation
and test of Industrial Communication Systems.

Addressed Technologies:

- Fieldbus networks; Real-Time Ethernet Networks;
Intranet and Internet access; Wireless networks;
Hybrid (wired/wireless) networks; Safety buses; Sensor networks.
- Networks with technical requirements similar to those of
industrial communication systems:
automotive networks; building automation networks; process
control networks; networked control systems.

SUBMISSION OF PAPERS

Papers are to be submitted electronically. For further details,
please consult the conference web pages.

AUTHOR'S SCHEDULE

Deadline for submission of full papers:	April 30, 2009
Notification of papers acceptance:	June 8, 2009
Final manuscripts due:	July 5, 2009

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