



SAE World Congress & Exhibition

Technical Session Schedule

Monday, April 14

In-Vehicle Networks (Part 1 of 2)

(Session Code: AE1)

Room W2-68 9:00 a.m.

Papers presented in this session will portray the latest developments and proposals for In-Vehicle Networks. Typical subjects covered are: new protocols, gateways, vehicle control, message handling, X-by-wire, diagnostics, off-board connectivity and vehicle to vehicle or vehicle to infrastructure communications.

Organizers - Richard D. Means, Mark P. Zachos, Dearborn Group Inc.

Chairpersons - Wolfhard Lawrenz, Univ. of Applied Sciences Wolfenbuttel

Time	Paper No.	Title
9:00 a.m.	2008-01-0278	Performance Evaluation of IEEE 802.15.4/ZigBee Protocol for Automotive Applications <i>Ing Utayba Mohammad, Univ. of Detroit Mercy</i>
9:30 a.m.	2008-01-0274	Simulation of LIN Clusters for Reducing In-Vehicle Network Development and Validation Costs <i>Anthony Moschella, National Instruments</i>
10:00 a.m.	2008-01-0276	Automated Configuration of TDMA-Based and Event-Triggered Vehicle-Networks with Respect to Real-Time Constraints <i>Stephan Brummund, Michael Bauer, Uwe Kiencke, Universitat of Karlsruhe</i>
10:30 a.m.	2008-01-0277	Formal Design Process for FlexRay-Based Control Systems with Network Parameter Optimization <i>Inseok Park, Jeamyoungh Youn, Jooyoung Ma, Myoungho Sunwoo, Hanyang Univ.</i>
11:00 a.m.	2008-01-0275	Real-Time Optimisation of TTCAN Networks <i>Henry Acheson, Waterford Institute of Technology</i>

The papers in this session are available in a single publication, SP-2197, and also individually.

Planned by Electrical and Electronic Systems Committee / Automobile Electronic Activity

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