

WAVE 2008

The First International Conference on Wireless Access in Vehicular Environments

December 8-9, 2008

Dearborn, MI. 48128

Key Dates:

Submission Deadline: October 6, 2008
Notification Date: October 13, 2008
Final Manuscript Deadline: November 10, 2008

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The first international conference on Wireless Access in Vehicular Environments (WAVE) will be held on December 8-9 at the University of Michigan-Dearborn. WAVE 2008 will bring together leading researchers from industry, government and academia to discuss both the current state and future research directions in the following areas:

- WAVE/dedicated short range communications (DSRC),
- Vehicular networks and intelligent transportation systems (ITS)
- Vehicular infrastructure integration (VII)

This conference will be held at the University Michigan-Dearborn which is close to the research centers of many automotive OEM and supplier. This conference will provide insights into the strategic direction and technical challenges facing the industry. In addition, the program includes tutorials and demonstrations on cutting-edge WAVE research.

Call for Papers and Tutorials

We invite you to submit original papers and tutorial proposals on the following WAVE topics:

- Channel modeling, antenna and transceiver, signal processing;
- Advanced wireless technologies applied to vehicular networks: multiple input multiple output (MIMO)/space-time coding (STC), smart antenna/beamforming, coding, adaptive modulation, software radio and cognitive radio;
- System performance study and capacity analysis, mesh network/delay tolerance network (DTN) for vehicular networks, effective MAC protocols, routing algorithms and congestion control schemes, cross-layer design and optimization;
- Test bed/prototype activities for ITS and vehicular infrastructure integration (VII);
- Business modeling and market study, policy and management, development and deployment.

Submission Instructions

- Only relevant original papers that are not under review by any other conference or workshop will be considered.
- Each paper will receive a minimum of three reviews.
- Selected manuscripts will be considered to be published on the EURASIP Journal of Wireless Communications and Networks

Details about preparing and submitting your submission can be found at the following link <http://groups.engin.umd.umich.edu/hpceep/wave2008/>

Please send tutorial proposals to bennybing@ieee.org no later than November 3, 2008

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