



CALL FOR PAPERS

Driving Simulation Conference North America 2007

The University of Iowa, Iowa City, Iowa
September 12-14, 2007

The goal of this conference is to bring together users, researchers, and developers of real-time, human-in-the-loop simulators and facilitate an open exchange of ideas, research results, success stories, user expectations, and recent technological developments in the field of transportation simulation. This year's special area of emphasis is on approaches for defining and distributing standard scenarios across simulator platforms. Papers will be peer-reviewed and published in CD-ROM proceedings. Tours of the simulation facilities at The University of Iowa, including the National Advanced Driving Simulator, will be available during the conference.

Areas of Interest

Standardization of:

- ▶ scenarios and scenario specifications
- ▶ participant handling procedures
- ▶ data reduction techniques and measures
- ▶ performance assessment techniques
- ▶ scenario control and generation techniques
- ▶ simulator subsystems

Validation of:

- ▶ transportation simulators
- ▶ user behavior and responses
- ▶ cost-benefit goals and return on investments

Sharing knowledge in:

- ▶ simulator research results
- ▶ simulator technology
- ▶ synthetic environment modeling
- ▶ vehicle dynamics

Potential for:

- ▶ using crash and other driving data in simulator research

Applications in:

- ▶ transportation engineering
- ▶ medicine and driving
- ▶ in-vehicle design evaluations
- ▶ ITS-related activities
- ▶ training

Sponsored by:

Ford Motor Company, National Highway Traffic Safety Administration, The University of Iowa

Co-sponsored by:

University of Central Florida (CATSS) and Transportation Research Board Committee on Simulator and Operator Performance (AND30)

Conference Steering Committee

Conference Hosts:

- ▶ Linda Boyle, The University of Iowa
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- ▶ Tim Brown, The University of Iowa
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Committee:

- ▶ Jeff Greenberg, Ford Motor Company
- ▶ Andras Kemeny, Renault Research
- ▶ Stéphane Espié, INRETS
- ▶ Essam Radwan, University of Central Florida
- ▶ Joe Moyer, Federal Highway Administration
- ▶ Stephanie Binder, NHTSA
- ▶ Peter Grant, University of Toronto
- ▶ Pierre Gauriat, INRETS
- ▶ Ron Tarr, University of Central Florida
- ▶ Wade Allen, Systems Technology, Inc.
- ▶ Yiannis Pangelis, University of Central Florida

Host Committee:

- ▶ Joseph Kearney, The University of Iowa
- ▶ Mark Wilkinson, The University of Iowa
- ▶ Tom Schnell, The University of Iowa
- ▶ Matt Rizzo, The University of Iowa
- ▶ John Lee, The University of Iowa

Important Dates

February 19, 2007: Abstracts due
March 19, 2007: Abstract acceptance notification
June 4, 2007: Papers due
July 9, 2007: Paper acceptance notification
August 13, 2007: Final papers due

Abstracts can be sent to papers@dsc-na.org. For additional information, please visit www.dsc-na.org.