

Automotive Culture in Detroit

Detroit is very well known for its rich automotive history. Here are a few landmarks that are worth visiting:



Automotive Hall of Fame

The Henry Ford Museum



GM Renaissance Tower

Conference Location



Detroit Marriot Troy
200 West Big Beaver Road.
Troy, Michigan 48084

Phone: [248-680-9797](tel:248-680-9797)

www.marriott.com

Important Dates

Abstracts due:

January 18, 2016

Full draft papers for review due:

March 01, 2016

Final papers due:

June 01, 2016

Registration opens:

May 01, 2016

Please visit the conference website for updates and additional information

Exhibitor Information

The 8th Americas Conference of the ISTVS welcomes a limited number of exhibitors to participate:

Silver level package:

64 sq. ft., \$750 USD

Gold level package:

100 sq. ft., \$950 USD

Platinum package:

144 sq. ft., \$1,300 USD

<http://istvs.org/exhibitors/exhibitor-booth>

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US Army Research Office



**8th Americas Conference
of the
International Society for
Terrain-Vehicle Systems**

DETROIT 2016

September 12–14

www.istvs.org

Welcome

This conference for Automotive/ Ground Vehicle Engineering Industry, Academia, and Research Agencies provides an avenue to present your findings, meet with your engineering colleagues and professionals from all-round the world, learn and discuss leading edge research and engineering accomplishments and future trends in

- ◆ Automotive/Ground Vehicle Mobility
- ◆ Agile Vehicle Dynamics
- ◆ Energy Efficiency in Adverse Environments

More information can be found at:

<http://conference.istvs.org/2016-8th-americas-detroit>



Prof. Vladimir Vantsevich

Chair of Conference

University of Alabama at Birmingham

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Dr. Jeremy P. Gray

Co-Chair of Conference

U.S. Army RDECOM-TARDEC

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Prof. Bharat Soni

Co-Chair of Conference

Tennessee Tech University

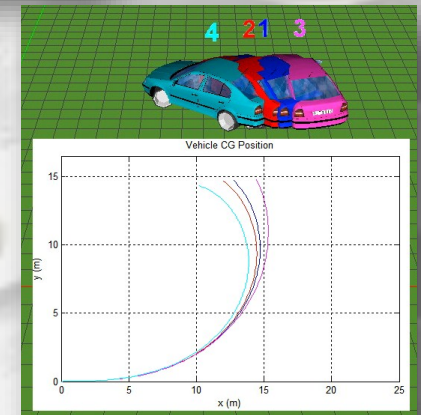
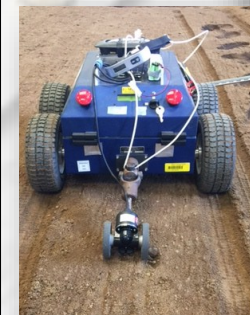
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Conference Topics

The following topics from manned/unmanned ground vehicle engineering will be discussed:

- ◆ Terramechanics, locomotion and soil/terrain modeling
 - ◆ Recent accomplishments in terramechanics research and education
 - ◆ Locomotion systems
 - ◆ Soil and terrain modeling and characterization
- ◆ Advances in mobility, energy efficiency, and ground vehicle dynamics
- ◆ Agricultural, construction equipment and machinery
- ◆ Mobile robotics for ground applications, planet exploration, and other environments
- ◆ Military ground vehicle robotics
- ◆ Design/control, sensing/actuation in cyber-physical systems for vehicle dynamics and mobility, safety, and vehicle protection

Additionally, a panel discussion entailing future research thrusts in terramechanics, mobility, energy efficiency, and off/on-road automotive and ground vehicle engineering for complex terrain and cyber environments will be conducted with the participation of ISTVS leading researchers and automotive industry.



Above are some examples of vehicle research and engineering projects that will be discussed during this conference, including light and heavy military vehicles, UGVs, automotive vehicle applications, and more.