



## MODELING AND SIMULATION TOOLS FOR AUTONOMOUS GROUND SYSTEMS TECH-FAST

Traditional military and commercial ground systems have a well-developed set of computer aided engineering (CAE) tools that are used to develop, assess, and test vehicles. As we field more autonomous systems, the community has yet to use or own a standard set of CAE tools to perform similar assessments, tests, and development of these systems. In fact, tools are required in a fourth area as well, training of the autonomous systems. This technical session will bring leaders in the field to discuss what is meant by autonomous ground systems, what tools exist to develop, assess, test, and train those systems. Finally, what the strengths and weaknesses are in these tools and where further development is needed.

### Agenda

7:30 - 8:00 a.m. Networking Breakfast

8:00 - 9:00 a.m. Presentations

9:00 - 9:30 a.m. Q&A

### Speakers

David Gorsich, Ph.D., SAE Fellow, Chief Scientist, U.S. Army TARDEC

Mahendra Muli, Director, Marketing and New Business Development,  
dSPACE, Inc.

Dr. Mitchell Rohde, President, Quantum Signal

Michael Sasena, Ph.D., Automotive Product Manager, The MathWorks, Inc

*Speakers subject to change*

## Modeling & Simulation Autonomous Systems Tech-Fast

**Tuesday, June 12**

7:30 - 9:30 a.m.

### SAE International

755 W. Big Beaver Rd.  
Ste. 1600, Troy

### Tickets

SAE Member \$35

Non-member \$55

SAE Retired \$30

SAE Student Member \$15

**Register online at  
[www.sae-detroit.org](http://www.sae-detroit.org)**

**Important Note:** Registration will close June 7 (or when sold out). There will be no onsite registration or no refunds after June 5. Limited seating.

**Social Hour Sponsored by:**

**dSPACE**

For more information,  
email [Stephanie Feroni](mailto:Stephanie.Feroni) or call  
(248) 324-4445 ext. 1.



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