

# MATLAB<sup>®</sup> & SIMULINK<sup>®</sup>

## MathWorks Day Seminars

University of Windsor  
Friday, 2/3/17

Join MathWorks engineers as they provide insight into the latest features of the MATLAB and Simulink product families.

Registration will begin 15 minutes before each session. Walk ins are welcome.

### Sessions will take place:

**Toldo Health Education Center  
room 204**

- **Session 1: Introduction to Data Analysis with MATLAB  
12:00 – 2:00**

Many technical professionals find that they run into limitations using Excel for their data analysis applications. Attend this free seminar to learn how to learn how MATLAB can supplement the capabilities of Microsoft Excel by providing access to thousands of pre-built mathematical and advanced analysis functions, versatile visualization tools, and the ability to automate your analysis workflows. **Highlights Include:**

- Access data from files and Excel spreadsheets
- Visualize data and customize figures
- Perform statistical analysis and fitting
- Generate reports and automate workflows
- Share analysis tools as standalone applications or Excel add-ins

- **Session 2: ADAS Algorithm Design and Prototyping Using MATLAB  
3:00 – 4:30**

How do you conceptualize an ADAS algorithm?

How do you assess its performance in simulation before testing in vehicle?

In this seminar, MathWorks engineers will walk you through an ADAS algorithm design and prototyping workflow using MATLAB.

Using a vision and radar sensor fusion algorithm as example, they will demonstrate how you can work through an ADAS algorithm. **Highlights Include:**

- Gain insight by analyzing and visualizing logged data from vision, radar, and other sensors
- Reduce time on the road by simulating problematic scenarios
- Speed up prototyping of algorithms by generating code



**Register:** [www.mathworks.com/uWindsor](http://www.mathworks.com/uWindsor)

For more information, contact: Cory Winter  
cory.winter@mathworks.com

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