**Title**

Simulink Workshop

**Overview**

The Simulink Workshop is a 3-4 hour hands-on tutorial of Simulink.

**Structure**

* During the workshop, each attendee follows along with the presenter in creating a Simulink model from scratch and then building upon and improving that model throughout the session.
* Many Simulink features are introduced during the workshop, including
  + Modeling a dynamic system
  + Logic operations
  + Model hierarchy
  + Masks
  + Creating custom libraries
  + Model Referencing
  + Vectorization
* No Simulink experience is assumed or necessary.

**Benefits**

* Learn the fundamentals of Simulink through hands-on instruction from a product expert.
* Learn how Simulink is used for the following applications:
  + Modeling continuous systems
  + Control system development
  + Algorithm design & simulation

**Workshop Checklist**

This is a checklist of things that must be done prior to the day of the workshop:

* Bring your own laptop/workstation; this workshop is a hands-on event that will allow you to build the models with the instructor. Sharing is OK, but no more than 2 per station.
* Demos were created on computers running Windows. Some elements of the workshop will work differently in other environments. If this will be the case, please let The MathWorks know as early as possible.
* Workstations should be running the most current version of MATLAB. Contact your MathWorks account representative for a trial version. If you have a license already, please be sure that you have, at a minimum, the following: MATLAB and Simulink
* All software needs to be installed prior to the class. Installing MATLAB, activating, etc takes up a non-trivial amount of time. Attendees need to be ready to hit the ground running.