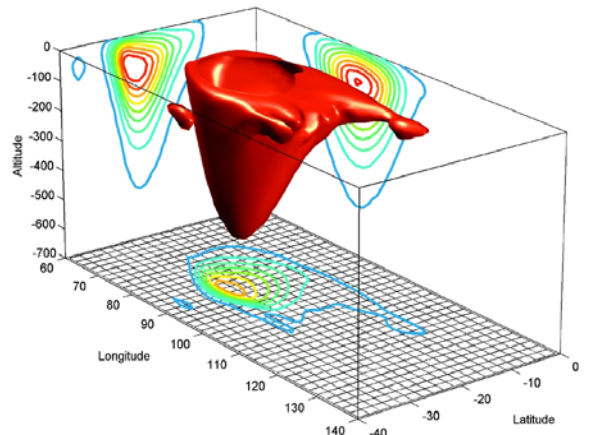


Technical and Distributed Computing with **MATLAB** and Introduction to **Simulink**

Tuesday, February 20, 2007
New Jersey Institute of Technology (NJIT)
GITC Building, Gateway Lab, Room 2302

Registration: <http://www.mathworks.com/seminars/njit>
Walk-ins welcome: 8:30 – 9:00 a.m.

Complimentary refreshments.
Register by February 16th and receive a CD with data and demonstration M-files.



MATLAB Agenda

Presenters: Jiro Doke, Ph.D., Senior Applications Engineer
Jason Bryan, Application Engineer

Morning Session: **9:00 a.m. – 12:00 p.m.**

Data Analysis and Acquisition using MATLAB

- Working with measurement hardware
- Visualizing and analyzing data
- Sharing Results: Creating reports and GUIs

Modeling and Simulation of Dynamic Systems using Simulink

- Continuous and Sampled Time Systems
- Event-Driven Systems w/ Stateflow

Afternoon Session: **1:00 p.m. – 3:30 p.m.**

Algorithm Development using MATLAB

- Building and deploying GUI-based applications
- Interactively developing algorithms

Signal and Image Processing using MATLAB & Simulink

Distributed and Parallel Computing in MATLAB & Simulink

This technical session will demonstrate how MATLAB and Simulink are used as a flexible platform for technical computing and application development in engineering, math, and science curricula and research.