



The MIT Museum and Computer Science and Artificial Intelligence Laboratories (CSAIL) welcome you to National Engineers Week 2006. The program emphasizes one of the many exciting MIT – CSAIL research activities... Robots. The Massachusetts Institute of Technology is arguably the top engineering school in the world, consistently ranking as a top school in all fields of engineering. With over 100 outreach programs for K–12 schools and the general public, MIT is dedicated to offering this science and technology expertise beyond traditional academic programs.

National Engineers Week is dedicated to raising public awareness of engineers' positive contributions to our quality of life. It is a national celebration of engineering that seeks to inspire young minds to pursue engineering careers in order to provide a diverse, vigorous and informed engineering workforce.

This week, MIT Museum hosts a variety of speakers, from industry roboticists like Eliot Mack to undergraduates building their first robots for the Lego-based 6.270 competition. Learn about the complex programming of the MASlab competition robots, MERTZ, the social robot, or how robotics and medical technologies converge into Robot Senses. All events are free with museum admission.

Schedule of Events at MIT Museum

	Tuesday	Wednesday	Thursday	Friday
12:30	Film: MASlab Competition	Film: MASlab Competition	Film: MASlab Competition	Film: MASlab Competition
1:00	Lecture: Eliot Mack	Lecture: Eliot Mack	Demo: Current Robotics research with Ash Dyer	Film: Rod Brooks' Introduction to Robotics
2:00	Tour: Robots and Beyond Gallery	Demo: MASlab competition robots	Film: Rod Brooks' Introduction to Robotics	Demo: MASlab competition robots
3:00	Demo: MASlab competition robots	Demo: MASlab competition robots	Demo: 6.270 competition robots	Demo: 6.270 competition robots
4:00	Film: Robot Pals	Demo: MERTZ	Film: Robot Senses	Film: Robot Senses

Resources on the web that can help you learn more about robotics and artificial intelligence

Public MIT On-Line Courses

6.34 Artificial Intelligence, Spring 2005

<http://ocw.mit.edu/OcwWeb/Electrical-Engineering-and-Computer-Science/6-034Spring-2005/CourseHome/index.htm>

6.270 Autonomous Robot Design Competition, January (IAP) 2005

<http://ocw.mit.edu/OcwWeb/Electrical-Engineering-and-Computer-Science/6-270January--IAP--2005/CourseHome/index.htm>

For others MIT courses see

<http://ocw.mit.edu/index.html>

History of Robots

Universal Robots: the history and workings of robots

<http://www.thetech.org/exhibits/online/robotics/universal/index.html>

History of Robotics timeline

http://trueforce.com/Articles/Robot_History.htm

History of Robotics overview

<http://www.cs.bham.ac.uk/research/robotics/cbbc/history.php>

Current Technologies of interest

Small Robot Sensors

http://www.andrew.cmu.edu/user/rjg/websensors/robot_sensors3.html

Robot Motors

http://www.andrew.cmu.edu/user/rjg/websensors/robot_sensors3.html

Social and Emotive Human-Robot interactions

<http://groups.csail.mit.edu/lbr/>

Robotics clubs, companies, and kits

iRobot: *manufacturer of commercial, military, and industrial robots, founded at MIT*

<http://www.irobot.com/>

Lego Mindstorms: *excellent introductory robot building kit, based on research at MIT Media Lab*

<http://mindstorms.lego.com/>

IEEE Robotics and Automation Society New England Chapter

<http://www.robotics-boston.org/>

http://ieeeboston.org/robotics_and_automation.htm

Nashua Robot Builders Club

<http://nashuarobotbuilders.org/>