

ASM Educational Symposium

*Innovations in Mechanical Testing:
From Molecules to Large Engineering Structures*

Important Dates

April 7

Student Scholarship Application
Deadline

April 13

Registration Deadline

Sponsors

Oak Ridge Chapter of ASM
Y-12 National Security Complex
ORNL – HTML
ORNL – Energy Materials
ORAU
MTS Systems
CSM Instruments, Inc.
Agilent Technologies
BOSE Test Systems

Registration Fee

Regular \$120
Student \$30
Retiree \$40

April 19, 2011 (Tuesday)

Pollard Auditorium

210 Badger Ave. Oak Ridge, Tennessee 37830

Who should attend:

Researchers and students involved in materials science & engineering and people interested in innovations in mechanical testing of materials and structures.

Keynote Speaker

• Ian Robertson (UIUC/NSF) – *In situ* TEM testing

Invited Speakers

- Markus Buehler (MIT) – Atomistic and molecular mechanics
- Qian Yu (UC-Berkeley) – *In situ* TEM nanomechanics
- Roberto Ballarini (U of Minnesota) – Mechanical measurements with microdevices
- Robert Wheeler (Microtesting Solutions) – *In situ* SEM micromechanics
- Nicholas Randall (CSM Instr.) – High temp nanoindentation
- Jerry Young (Boeing) – From atoms to airplanes
- Jennifer Hay (Agilent) – Substrate effects in nanoindentation
- Kevin Hemker (Johns Hopkins) – Strain measurements at nanoscale

Website link

http://www.ms.ornl.gov/ASM_Educational_Symposium/index.shtml

For more information contact:

Amit Shyam (shyama@ornl.gov 865-241-4841)

Edgar Lara-Curzio (laracurzioe@ornl.gov 865-574-1749)

