



The Materials Information Society

LONG ISLAND CHAPTER

METALLAGRAM



Volume 53 Issue 7

Chapter website: <http://www.matscieng.sunysb.edu/asm/>

Sustaining Members and Emerging Professionals Night

Next Meeting Wednesday, March 21, 2012

Where . . . Mauricio's Orlando's II, St. James, NY

Topic: DOE's Radiological Assistance Program

Speaker: Kathleen McIntyre, BNL

Social hour ... 6:00 pm Dinner ... 7:00 pm Meeting ... 8:00 pm

Members ... \$22 Guests ... \$25 ASM 25 years ... \$20 Students ... \$12

(New and recently transferred-in members free)

Reservations appreciated - call Peter Indrigo at 631-589-6666



← **1979:** Preparing for deployment to TMI

2006: BNL RAP Team and the U.S. Coast Guard →

(Photographs property of Brookhaven National Laboratory)



Our Speaker

Kathleen McIntyre is a member of the Nonproliferation and National Security Department (NNSD) at the Brookhaven National Laboratory (BNL) and is the contractor operations manager for the Department of Energy's region 1 Radiological Assistance Program (RAP1). Kathleen earned her B.Sc. at the University of Pittsburgh and M.Sc. in Radiation Science from Rutgers, the State University of New Jersey. She is a member of the American Academy of Health Physics and the Health Physics Society, and is certified by the American Board of Health Physics.

The Topic

Based out of BNL's NNSD, the RAP1 is part of the DOE National Nuclear Security Administration's (NA-42) First Responder Program. RAP1's mission is to provide radiological assistance to local, state, tribal and federal emergency response partners to protect the health and safety of the public, the first responders, and the environment. RAP1 provides rapid deployment resources (trained personnel and equipment) to detect, evaluate, assess, identify, search for, respond to, and assist in the mitigation of actual or perceived radiological/nuclear hazards and risks. Kathleen will provide a brief overview of the program and talk about operations with respect to several higher profile deployments, including support to the U.S Department of State during the Fukushima response. Highlights of two of New York's largest radiological (Radiation Dispersal Device) field exercises will be discussed.



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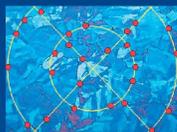
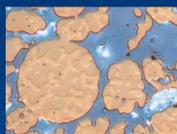
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2012 John R. Weeks Scholarship Program

The Chapter makes available awards worth \$500 p.a. for up to four years for high school students planning to study materials science and engineering at a recognized university or community college. Packages containing details and application forms will be mailed to the Principals at all Nassau and Suffolk county high schools in February. However, if you would like some information now or receive a package yourself, contact Biays Bowerman (631-344-2946) (email bowerman@bnl.gov).



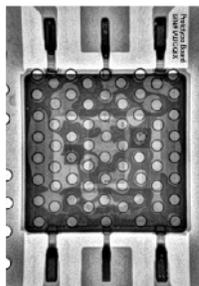
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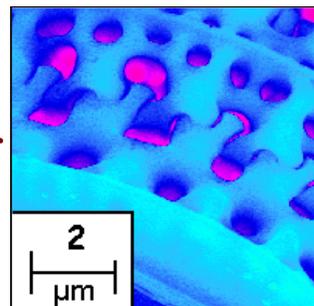
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Long Island Chapter Meeting Schedule

April 18, 2012 **Place: Stony Brook University**
Speakers: tba (students)
Topic: Review Senior Students Designs and Results

Metro NY-NJ Chapter
(website <http://www.asm.nynj.org/>)
(contact: Rich Lynch @ 201-891-8399)

Mar. 20, 2012 **Place: IBM Watson Research Center,**
Yorktown Heights, NY
Speaker: Terence Kane
Topic: Electronic Devices Failure Analysis

Apr. 24, 2012 **Family & Friends Night**
Place: L’Affaire, Mountainside, NJ
Speaker: Copper Development Assoc.
Topic: Unconventional Applications of Copper

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(website <http://www.limws.org>)

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