



Mid-Atlantic MICRO/NANO Alliance
~ Better Working Together ~

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press

OTHER NEWS

Save the Date!

2012 Spring Symposium:
Microsystems in Measurement and
Instrumentation, will be held at the
United States Naval Academy,
March 27, 2012. Register now at:
<http://www.midatlanticmana.com/>

Spring Symposium: Important Parking Information and other Logistics

Register now! www.midatlanticmana.com.

The symposium theme is "Microsystems in Measurement and Instrumentation." This year's event will be held on March 27, 2012 at the United States Naval Academy. Professor Samara Firebaugh is the Conference Chair; registration and more information is available online.

You will need to show a valid picture ID to gain access to the USNA campus and attend the conference!

We are pleased to announce that this year's conference

STEERING COMMITTEE:

Brian Jamieson, Chair (SBMicro)
Ann Darrin, Secretary (APL)
Craig McGray, Treasurer (NIST)
Sarah Bergbreiter (U.Md.)
Andrew Dehennis (SMSI)
Samara Firebaugh (USNA)
Stephanie Getty (NASA)
Joan Hoffmann (APL)
Robert Osiander (APL)
Makarand Paranjape (Georgetown)
Marcel Pruessner (NRL)
Keith Rebello (APL)
Ian White (U.Md.)

will be presented in association with the IEEE Nanotechnology Council. The conference proceedings will be published for the first time as a stand-alone peer-reviewed IEEE archival publication.

Conference attendees will need to plan ahead for parking. A free shuttle will transport attendees from the USNA Stadium to the Academy Campus and conference venue. In addition, there is a parking garage in downtown Annapolis that is within walking distance of the venue.

There is no access to the USNA campus by car for Symposium attendees, so please read the parking information on our web site and plan accordingly:
http://www.midatlanticmana.com/?page_id=725

5th Annual FIB SEM Meeting

The 5th Annual FIB SEM meeting will be held at the Headquarters of the Carnegie Institution of Washington (1530 P Street NW • Washington, DC, USA 20005). We will have presentations and posters by FIB users and vendors highlighting interesting new FIB applications and the latest technology.

Abstract deadline was January 20th but you can still register as an attendee past that date. Unlike our previous meeting locations, we have plenty of space this year!

To register, please check our website for more information (<http://www.fibsem.org/>).

Institute for Microsystems Research (ISR) Speaker Series

All talks are at 4pm in 1146 A. V. Williams Bldg. on the University of Maryland campus.

2/28/12 Taher Saif, University of Illinois The mechanics of “small”

3/15/12 Mehmet Toner, Harvard University Microfluidics: cells on chip for disease diagnosis

4/4/12 David Erickson, Cornell University Optofluidics for bio-analytics and energy applications

5/3/12 Adela Ben-Yakar, U. of Texas Femtosecond laser-assisted biophotonics

[More information can be found here...](#)

MAMNA Steering Committee Members Give Invited Talks at Photonics West, Publish

Papers

The Mid-Atlantic Micro/Nano-Alliance was well represented at SPIE Photonics West this past January in San Francisco, CA (<http://spie.org/x2584.xml>).

Photonics West is one of the largest optics conferences with a focus on applications.

Mid-Atlantic Micro/Nano Alliance steering committee members Marcel Pruessner (Naval Research Lab, Washington, DC) and Ian White (Univ. of Maryland, College Park, MD) each gave an invited presentation.

Ian White spoke on "Optofluidic SERS on inkjet-fabricated paper-based substrates" as part of a session on optofluidics. Marcel Pruessner's presentation was entitled "Micro-opto-mechanical damping and amplification in a waveguide-DBR microcavity" and was part of a session on resonant opto-mechanics.

Steering Committee member Brian Jamieson (SB Microsystems) was co author on two recent papers on biomedical instrumentation and microfluidics:

Journal of Micromechanics and Microengineering, "Red blood cell sorting with a multi-bed microfabricated filter."

Journal of Neuroscience Methods, "A high aspect ratio microelectrode array for in vitro neural recording"

MAMNA Mission



The Mid-Atlantic Micro/Nano Alliance is an alliance of companies, universities, and government laboratories in the Washington DC metropolitan area.

Our mission is to create a group that networks expertise, capabilities, and research to facilitate the development of new applications and commercialization of miniaturization technologies.

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