



RECONNECT Workshop 2014

Save The Date

Forensics

Where: Massachusetts Maritime Academy in Buzzards Bay, MA

When: June 1-7, 2014

About Reconnect:

The CCICADA Summer Reconnect Workshops expose faculty teaching undergraduates to the role of the mathematical and computer sciences in homeland security and provide an opportunity to researchers in government or industry to learn about recent material in various areas. Topics are presented in a weeklong series of lectures and activities; participants are involved in both research activities and in writing materials useful in the classroom or to share with their colleagues. Participants may develop materials for publication in either the CCICADA Technical Reports Series or the Educational Modules Series published by the DIMACS Center at Rutgers University.

Topic: Forensics was traditionally described as training in the skills of public advocacy, including the development of evidence, and thus found one of its important venues in the law courts. As such, the term forensic has become associated with the art and science of legal evidence and argument. Today, CSI has brought attention to the field of criminal forensics as they attempt to solve crimes on television often three times a week. Forensics includes legal evidence and argument in a variety of areas, from criminal justice, to cyber forensics, to maritime forensics, to environmental forensics, and more. The Reconnect 2014 will choose a few of these areas and discuss the tools used. For example, fingerprint analysis uses graph theory, cyber forensics uses cryptology, CT scans are used across many forensics areas especially in marine mammal forensics, etc.

Organizers: Dr. Midge Cozzens, Research Professor at DIMACS Rutgers University,
Dr. Laura Kelleher, Professor of Mathematics, Massachusetts Maritime Academy

Speakers: Dr. Gene Fiorini, Associate Director of DIMACS
Dr. Joe DiRenzo III, Senior Advisor to the Area Commander for Science, Technology and Innovation
Coast Guard Atlantic Area (LANT-097)
Others including from Woods Hole, the Coast Guard TBA, and more

Registration fees, lodging, meals and travel: *Academic participants from US institutions:* registration, lodging in single rooms and meals will be provided through DHS funding. *Academic participants from non-US institutions:* \$350. *Government participants:* \$350. *For-Profit Corporation participants:* \$500 (includes all meals from Sunday dinner to Saturday lunch). Limited funds are expected to be available to provide partial support for travel.

Deadline for Applications is February 28, 2014 or until all slots are filled. Applications will be submitted online found on the Reconnect web page, and will be reviewed as they are received. Please email Midge Cozzens if you are interested.

For more information: Christine Spassione (spassion@dimacs.rutgers.edu) or Midge Cozzens (midge6930@comcast.net) or visit the Reconnect web page <http://ccicada.org/Reconnect/2014/>.