Speaker: Dr. Michael E. Locasto (George Mason University)

Topic: SISMAT Program – Information Security Internship

Abstract
This summer, Dr. Locasto is running a training and education program (the SISMAT Program) at Dartmouth College for undergraduates (and their faculty advisors) from around the Northeast who are interested in cybersecurity. The SISMAT Program helps students identify an internship in information security after the training and encourages the students to partner with a faculty member at their institution to undertake a mentored research project, independent study, or curriculum development project on information security. One of the rewarding opportunities is that the Program invites the faculty members up to Dartmouth for a “professional development” weekend in the middle of the training program.

The program is free; there is no cost to the students or participating faculty members. The SISMAT Program covers their transportation, lodging, and meals while at Dartmouth College. Dr. Locasto will introduce the SISMAT Program to the Computer Science students at William Paterson University. More information is available at: http://www.cs.dartmouth.edu/~sismat/

Biography
Dr. Michael E. Locasto is a Visiting Professor at George Mason University, where he was an I3P (Institute for Information Infrastructure Protection) Fellow during the 2008-2009 academic year. He was previously a Fellow at the Institute for Security, Technology, and Society at Dartmouth College. He graduated magna cum laude from the College of New Jersey with a B.S. degree in Computer Science. Dr. Locasto also holds an M.S., M.Phil., and Ph.D. (all in Computer Science) from Columbia University, where he also served as a Department Preceptor during the 2005-2006 academic year.

Dr. Locasto has authored or co-authored over 35 conference, workshop, and journal publications in the field of computer security and intrusion detection. He has served on a number of conference organizing and program committees. He holds a patent in the area of software self-healing and is an inventor on several other pending patents on computer security technology. In the past two years, his work has been funded by the DHS/I3P, OSD, DARPA/AFRL, Dartmouth College, and George Mason University.

All are welcome. For further information, please contact Dr. Cyril S. Ku (kuc@wpunj.edu).
how to grow computer security?

"You can't consider the problem of defense without first understanding the problem of attack." — Doug Tygar

"The perfect is the enemy of the good." — Voltaire

"Security is not a product, but a process." — Bruce Schneier

students
Dream of a job securing computers or networks? SISMAT can help you get there.

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Qualified applicants should:
- Be a sophomore or junior
- Have a partner professor
- Attend training June 22-July 2, 2010
- Want help getting a summer internship (or have one already)
- Want to do a thesis or independent study in computer security during the 2010-2011 academic year

info session

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professors
Do you have a talented student interested in computer security? Would you like to develop your institution's secure systems curriculum? Consider participating as a SISMAT mentor.

www.ists.dartmouth.edu/events/sismat

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