Scholarships

National Science Foundation

The National Science Foundation has endowed the Florida State University Information Security program with funding for 10 to 15 awards per year. Scholarship recipients shall pursue academic programs in information assurance for the final two years of undergraduate study, or for two years of master's-level study, or for the final two years of Ph.D.-level study. These students will participate as a cohort during two years of study and activities, including a summer internship in a federal agency at the end of their first year of support. The recipients of the scholarships will become part of the Federal Cyber Service of Information Assurance Professionals whose responsibility is to ensure the protection of the United States Government's information infrastructure. Upon graduation after their two-year scholarships, recipients will work for a federal agency for two years in fulfillment of their Federal Cyber Service commitment. The scholarships provide academic year stipends of $8,000 per year for undergraduate students and $12,000 per year for graduate students.

Scholarship Benefits:

- *A housing stipend, in addition to the cost of tuition, fees, books, lab expenses, supplies and equipment, the student will be awarded with a stipend of $12,000 for graduate and $8,000 for undergraduate students.*
- *Research projects, related to large externally funded projects, will be assigned to students. These students may also receive additional funding throughout the academic year.*
- *Internships and job opportunities with the world's leading security organization.*

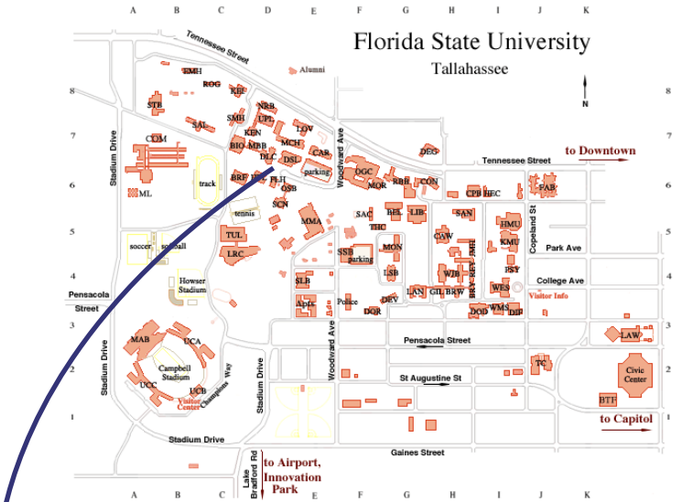
U.S. Department Of Defense

The Department of Defense Information Assurance Education and Training Scholarship Program is targeted at rising junior and senior undergraduate students and graduate students who are looking for a full-ride scholarship. Upon receipt of the scholarship, the "Information Assurance Scholar" is required to engage in an internship with the Department of Defense during breaks in the academic schedule of the Scholar. The Scholar, on completion of the program, is also offered a full time position in the Department of Defense or one if its agencies. Each student in the program will be supported for up to two years with benefits each year.

Scholarship Benefits:

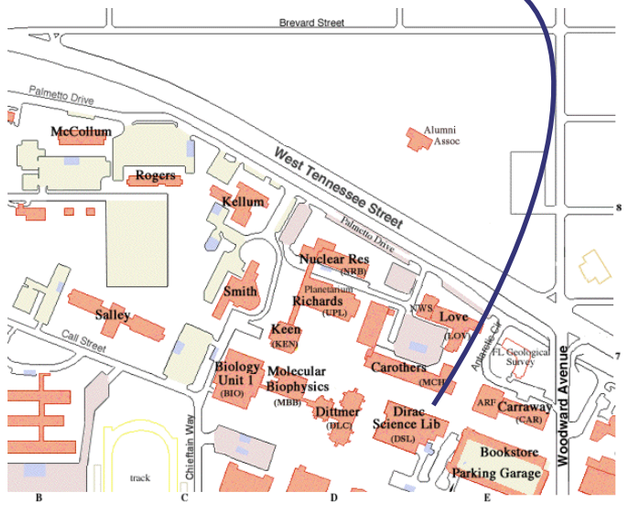
- *A stipend, in addition to the cost of tuition, fees, books, lab expenses, supplies and equipment, the student will be awarded with a stipend of $15,000 for graduate students and $10,000 for undergraduate students.*
- *Research projects, related to large externally funded projects, will be assigned to students. These students may also receive additional funding throughout the academic year.*
- *Internships and job opportunities with the world's leading security organization.*

For more information on these and other scholarships, please see our website at http://www.sait.fsu.edu/



Building
Faculty/Staff Parking
Handicapped Parking
Visitor Parking
Student Parking

Dirac Science Library



2006

Information Security Summer School

MAY 22-24

Florida State University

Schedule of Events

Monday, May 22nd

8:00am~9:00am — Breakfast

Coffee, juice, and pasteries in room 417 of the Dirac Science Library.

9:00am~9:15am — Opening Remarks

9:15am~10:00am — Translation in Crypto: Signatures

Guiseppe Ateniese. We will describe recently-developed techniques to "translate" between digital signatures and provide the basics of digital signatures and pairings-based cryptography.

10:00am~10:30pm — Break

10:30am~11:45am — Translation in Crypto: Encryptions

Giuseppe Ateniese. We will describe recently-developed techniques that can be used to "translate" between ciphertexts and the basics of encryption, semantic security, and bilinear problems.

11:45am~1:30pm — Lunch Break

1:30pm~2:45pm — Legal & Ethical Issues

Jim Davis. We will analyze the legal and ethical issues surrounding information security, including legal implications of free data transmission.

2:45pm~3:15pm — Break

3:15pm~4:15pm — Panel: Cryptographic Research

Giuseppe Ateniese. Panel members will take questions from the audience.

4:30pm~5:30pm — Panel: Future of the Profession

Jim Davis. Panel members will take questions from the audience.

5:30pm~7:00pm — Catered Reception

A catered reception will be served in room 151 of the Love building. All attendees are welcome to come and mingle with the speakers.

Tuesday, May 23rd

8:00am~8:45am — Breakfast

Coffee, juice, and pasteries in room 417 of the Dirac Science Library.

8:45am~10:00am — Worms & Viruses of the Internet

Evangelos Kranakis. We will survey how viruses and worms propagate.

10:00am~10:30am — Break

10:30am~11:15am — Enhancing Wireless IDS

Evangelos Kranakis. We will discuss challenges, risks and threats in wireless systems and how to enhance future wireless IDS.

11:30am~1:30pm — Lunch Break

1:00pm~2:30pm — Panel: Emerging Directions

Evangelos Kranakis.Panel members will take questions from the audience.

2:30pm~3:30pm — DoD IASP

Department of Defense. Information Assurance Education and Training Scholarships provide a full ride for qualified juniors and seniors.

3:15pm~3:45pm — Break

3:45pm~4:45pm — Panel: Security in Practice / Gov't

United States Department of Defense. Panel members will take questions from the audience.

4:45pm~5:00pm — Break

5:00pm~6:00pm — Employment Opportunities

Melody Venable. We will discuss job opportunities available in the field of Information Security and answer questions from the audience.

Wednesday, May 24th

8:00am~8:45am — Breakfast

Coffee, juice, and pasteries in room 417 of the Dirac Science Library.

8:45am~10:00am — Strong Security for Feeble Devices

Breno de Medeiros. This talk describes simple, anonymous RFID identification protocols applicable to RFID technologies.

10:00am~10:30am — Break

10:30am~11:15am — Towards Provable Security

Mike Burmester. We shall investigate the security of pervasive systems with focus on availability issues in the presence of a powerful adversary.

11:15am~12:00pm — FSU Infosec Program

Melody Venable. We will discuss details of the FSU Information Security program and answer questions for potential applicants.

Important Info

Website URL

http://www.sait.fsu.edu/conferences/2006/is3/

Audio/Video Recordings

Please note that video and audio recording devices are not permitted during the conference. Please see ourwebsite for details on how to obtain copies of any official recordings.

Food & Drinks

Food and/or drinks are not permitted inside the lecture rooms. Please keep any food or drink in room 151 while in the Love building.

Parking

Please be aware that the Computer Science department will not be held liable for any parking tickets received while attending the conference. Please park legally by obtaining a parking permit from Melody Venable or FSU Parking & Transportation Services if you must park on campus during the conference.

The Computer Science Department of Florida State University would like to thank all of the speakers and sponsors. Without their time and effort, this conference would never have been possible!

SAIT LABORATORIES
Security Assurance in Information Technology

The mission of SAIT Labs is to serve as a focal point for members of different academic disciplines, government, and industry to carry out world-class research and to advance the practice and public awareness of information technology security and assurance through education and public service. SAIT Labs was established in response to Presidential Decision Directive 63, which calls for a comprehensive national effort to address the information security problem, including private-public partnerships, and increased education, training, research, and development.

Headed by the internationally renowned cryptographer Mike Burmester, SAIT Labs a wealth of knowledge in security and assurance. With existing projects in, for example, Information Hiding, Tracing and Watermarking, Intrusion Detection, Key Distribution, Key Escrow, Security Protocols, Survivable Computation, and Threshold Cryptography, the laboratories are on sound research footing. The added multi-disciplinary interactions with the FSU Departments of Mathematics, Information Management Systems, Communications, and Information Studies and the School of Criminology, the FAMU/FSU Department of Electrical Engineering, and the FSU Law School brings breadth in understanding of the technological and practical perspectives of information security in the Internet Age.

Dr. Mike Burmester *joined the faculty at FSU as a Professor in 2001. Previously he was at Royal Holloway, London University. He got his bachelors from Athens University and his doctorate from Rome University. His current interests include privacy, network security, computer security and watermarking.*

Dr. Breno de Medeiros *joined the faculty of the Computer Science Department at Florida State University after completing a Ph.D. degree in Computer Science from The Johns Hopkins University (2004). His published research includes works on privacy-preserving protocols for medical transactions, group signatures schemes, identity-based cryptographic primitives with applications to e-auctions, and on distributed certified e-mail. Some of his current research interests are in the areas of public key cryptography, secret sharing schemes, and privacy-enhanced protocols and services.*

Dr. Alec Yasinsac *joined the faculty at FSU as an Assistant Professor in August 1999 after a twenty year career in the United States Marine Corps as a Data Systems and Communications Officer. His has operational experience in software development, information systems management, network engineering, and information security. Security protocol verification is the foundation of Alec's research interests. He has published papers on formal methods, cryptographic authentication, group encryption, secure routing protocols, wireless security, digital forensics, and on a variety of computing education topics.*