HOST 2018 Co-located Workshop

2nd Workshop for Women in Hardware and Systems Security (WISE)

It is our great pleasure to announce the 2nd workshop for Women in Hardware and Systems Security (WISE) co-located with HOST 2018. The purpose of this half-day workshop is to attract more women to join the field of hardware and systems security (HSS) and provide a forum for the women in HSS to support each other. Considering the number of women entering the engineering profession is decreasing annually, it is critical to understand and encourage the young female students to choose engineering profession and participate in research activities.

This workshop is composed of four main themes:
   (1) experience sharing and visionary view from female role models,
   (2) discussing research/work/life challenges faced by female students in HSS,
   (3) exchanging research ideas and prompting collaborations via oral and poster presentation,
   (4) offering a job fair for female students who look for an internship or full time job.

We encourage all women related to the field of HSS and those who are willing to support women in HSS to join this workshop and help grow female workforce in HSS.

WISE 2018 Sponsorship:

Student travel awards/ Best poster awards are sponsored by

[Logos of Intel, Cisco, Tortuga Logic, and NSF]

WISE 2018 PROGRAM

1. INTRODUCTORY REMARKS (1:00pm – 1:10pm)
   General and Program Chairs

2. KEYNOTE TALKS (1:10pm – 2:05pm)

   Keynote I (1:10pm -1:40pm):
   Title: TBD

   Stacey Dixon
   Deputy Director
   Intelligence Advanced Research Projects Activity (IARPA)

   Moderator: Divya Arora
Keynote II (1:40pm - 2:05pm):
Title: TBD

Sandip Kundu  
Program Director  
National Science Foundation

Moderator: Qiaoyan Yu

3. INTERVIEW WITH A ROLE MODEL (2:05pm - 2:35pm):
Title: TBD

Edna Conway  
Chief Security Officer  
Cisco Systems, Inc.

Interviewer: Mark Tehranipoor; Moderator: Fareena Saqib

4. VISIONARY TALKS (2:35pm – 2:55pm)
Title: TBD

Hai (Helen) Li  
Associate Professor  
Dept. of ECE  
Duke University

Moderator: Jaya Dofe

5. WISE STUDENT PANEL (2:55pm – 3:35pm)
Panel Topic: Security and Hardware: What it takes to make them cool to students?  
Moderator: Melanie Berg

Melanie Berg  
NASA

Farimah Farahmandi  
PhD Candidate  
University of Florida

Anastasiya Chapko  
Undergraduate student  
University of Cincinnati

Bahar Tehranipoor  
High school student  
Buchholz High School, FL

6. STUDENT POSTER/HARDWARE DEMO/JOB FAIR SESSION (3:35pm – 5:00pm)

Three best student posters will be announced at 6:00pm.
7. WISE LEADERSHIP PANEL (5:00pm – 6:30pm)
Panel Topic: Cybersecurity Career for Women: the Present, the Future, and Our Collective Roles
Moderator: Farinaz Koushanfar

Farinaz Koushanfar
Professor
UC San Diego

Chengmo Yang
Associate Professor
University of Delaware

Viji Raveendran
Sr. Director
Qualcomm

Jennifer Dworak
Associate Professor
Southern Methodist University

Rashmi Jha
Associate Professor
University of Cincinnati

Rachel Bainbridge
Lead Digital/Microprocessor Hardware Engineer, MITRE

ORGANIZING COMMITTEE

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