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 <u>half-day</u> 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.

<u>WISE 2018 Sponsorship:</u>

Student travel awards/ Best poster awards are sponsored by

<u>WISE 2018 PROGRAM</u>

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

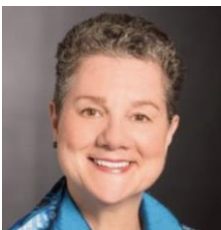**Keynote II (1:40pm - 2:05pm):**

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)

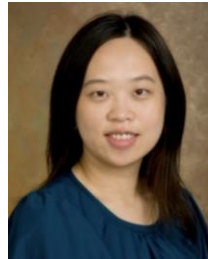Three best student posters will be announced at 6:00pm.

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

General co-chair
Swarup Bhunia
University of Florida
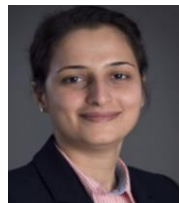
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Vice-program chair
Fareena Saqib
University of North
Carolina at Charlotte

Industry liaison
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co-chair**
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Baltimore County

**Poster session
co-chair**
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Intel