

## IEEE 2019 CIC/CogMI/TPS Workshop Program

<b>December 13, 2019</b>	
8am-5:30pm	Registration (Registration Desk outside ??)
7:30-8:30am	Informal Meet & Greet – Breakfast (Location: ??)
8:30-9:15am	<b>Workshop 1: HACS Session 1</b> Welcoming and Discussion: State of the Field <b>Session Chair: L Jean Camp / Marthie Grobler</b>
1:30 – 3:30pm	<b>Workshop 1: HACS Session 2</b> Session Chair: Marthie Grobler Venue
3:30 – 4pm	Coffee
4-6pm	<b>Workshop 1: HACS Session 2</b> Session Chair: L Jean Camp Venue
6-8pm	<b>CIC/CogMI/TPS Joint Banquet</b>
<b>December 14, 2019</b>	
8am-5:30pm	Registration (Registration Desk outside ??)
7:30-8:30am	Informal Meet & Greet – Breakfast (Location: ??)
11:30-12:30pm	<b>Workshop 2: AI4CyberSec</b> <b>At the end of TPS session 6</b> (Location: ??)
12:30-3:30pm	<b>See IEEE CIC/CogMI/TPS main program</b>

### Workshop 1: HACS (Dec. 13)

#### Welcome

**8:30 – 9:30 am**

**Session Chair:** L Jean Camp and Marthie Grobler

**Welcoming and Discussion: State of the Field**

#### Session 1

**1:30pm - 3:30pm**

**Session Chair:** Marthie Grobler, Data61/CSIR, Australia

- **Invited paper: Designing for Fallible Humans**  
Jelena Mirkovic and Simon Woo
- **Security Mandates are Pervasive: An Inter-School Study on Analyzing User Authentication Behavior**  
Sanchari Das, Andrew Kim, Shrirang Mare, Joshua Streiff, Dominique Clark and L. Jean Camp
- **Towards a trusted marketplace for wearable data**  
Alan Colman, M Javed Morshed Chowdhury and Mohan Baruwal Chhetri

**3:30pm - 4pm Break**

## Session 2

**4pm – 6pm**

**Session Chair:** L Jean Camp, Indiana University, USA

- **Overpowered and Underprotected Toys: Empowering Parents with Tools to Protect Their Children**  
Joshua Streiff and Sanchari Das
- **Fuzzy Logic Application to Link National Culture and Cybersecurity Maturity**  
Jongkil Jeong, Marthie Grobler, Pathum Chamikara Mahawaga Arachchige and Carsten Rudolph
- **Towards an Improved Understanding of Human Factors in Cybersecurity**  
Jongkil Jeong, Joanne Mihelcic, Gillian Oliver and Carsten Rudolph
- **The World (of CTF) is Not Enough: Lessons Learned from a Cyber Deception Experiment**  
Kimberly Ferguson-Walter, Maxine Major, Dirk van Bruggen, Sunny Fugate and Robert Gutzwiller

## Workshop 2: AI4CyberSec (Dec. 14)

**Day 14 10:30am - 12:30pm**

**At end of the TPS session 6**

- **Artificial Intelligence empowered Cyber Threat Detection and Protection for Power Utilities [AI4CyberSec]**  
Kamrul Hasan, Sachin Shetty, Sharif Ullah (Old Dominion University, USA)
- **A Robust Malware Detection Approach for Android System against Adversarial Example Attacks [AI4CyberSec]**  
Wenjia Li, Neha Bala, Aemun Ahmar, Fernanda Tovar, Arpit Battu, Prachi Bambarkar (New York Institute of Technology, US)