

UTEP Cyber Security Community Symposium

# Interdisciplinary Approaches to Cyber Security



Open to all faculty, staff, students  
& local professionals interested in cyber security

The University of Texas at El Paso  
Union Building East, Templeton Room (3<sup>rd</sup> floor)  
October 31, 2016

This event is co-sponsored by UTEP's Interdisciplinary Research Enhancement Program supported by the Office of Research and Sponsored Projects and the Office of the Provost, and the National Security Studies Institute – An Intelligence Community Center for Academic Excellence.

## Draft Program

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- 9:00 – 9:30     *Registration and refreshments*
- 9:30 – 9:40     *Welcome by Damien Van Puyvelde (Advocate for UTEP’s Cyber-Security Community, Assistant Professor at the National Security Studies Institute)*
- 9:40 – 10:40    *Brandon Valeriano (Reader at Cardiff University, Donald Bren Chair of Armed Conflict at the Marine Corps University) - Dynamics of Cyber Conflict, Cyber Victory, and the Economic Cyber Security*
- 10:40 – 11:00    *Coffee Break*
- 11:00 – 12:00    *Aaron Brantly (Assistant Professor at the United States Military Academy, Cyber Policy Fellow at The Army Cyber Institute) - The Army Model: Protecting the Future of Cyberspace Through Interdisciplinary Engagement and Outreach*
- 12:00 – 13:15    *Lunch Break (on own, various options available at Union Building food court)*
- 13:15 – 13:30    *Andrea Tirres (Interdisciplinary Network Manager at the Office of Research and Sponsored Projects): Fostering Vibrant Communities of Practice at UTEP*
- 13:30 – 14:30    *Zip talks (5 minutes presentations)*
- *Monika Akbar (UTEP, Computer Science) - CyberShare*
  - *Mario Caire (UTEP, ORSP) - Understanding Cyber Security Needs and Gaps at the Local Level*
  - *Stephen Coulthart (UTEP, NSSI) - The Social Media Intelligence Training Connector*
  - *Martine De Cock (University of Washington Tacoma) - Machine Learning while Preserving Privacy of Data*
  - *Chris Kiekintveld (UTEP, Computer Science) - Artificial Intelligence for Security*
  - *Vladik Kreinovich (UTEP, Computer Science) - Data Processing under Security and Privacy*
  - *Paras Mandal – (UTEP, Electrical and Computer Engineering) Smart Grid and Cyber Physical System Infrastructure*
  - *Waymond Rodgers (UTEP, Accounting and Information Systems) - Trust Pathways*
  - *Damien Van Puyvelde (UTEP, NSSI) - Public-Private Partnerships to Mitigate Cyber Threats*
- 14:30 – 15:00    *Posters on Student Activities & Coffee Break*
- 15:00 – 16:00    *Structured Brainstorming Session: Developing Cyber Security Projects*
- *Theme 1: Cyber-Security Education*
  - *Theme 2: Security, Privacy and Trust*
  - *Theme 3: Data Analytics for Cyber Security*
- 16:00 – 16:05    *Closing Remarks*