Wednesday, June 29

Plenary Session - Methodology

Time	Title
9:00-9:10am	Welcome & Introduction
9:10-9:30am	Spot the Hotspot: Wi-Fi Hotspot Classification from Internet Traffic
9:30-9:50am	I2Rec: An Interative and Interactive Recommendation Framework for Event-Based Social Networks
9:50-10:10am	Modeling Influenza by Modulating Flu Awareness
Keynote 10:30am-Noon	**Dr. Alex Levis** *Professor of Electrical, Computer and Systems Engineering* *George Mason University* *Fairfax, VA* **"Multi-Formalism Modeling of Complex Strategic Problems"**
Noon-1:30pm	Lunch – Sponsor funding panel

Plenary Session - Information, Systems, and Network Sciences

Time	Title
1:30-1:50pm	The Implications for Netowrk Structure of Dynamic Feedback between Influence and Selection
1:50-2:10pm	Leveraging Network Dynamics for Improved Link Prediction
2:10-2:30pm	TDynamic Directed Influence Networks: A Study of Campaigns on Twitter
2:30-2:50pm	Link Prediction via Multi-Hashing Framework
2:50-3:10pm	TELELINK: Link Prediction in Social Network Based on Multiplex Cohesive Structures
3:10-3:20pm	**Presentation of Best Paper Awards**
3:20-3:50pm	Break

Plenary Session - Military and Intelligence Applications

Time	Title
3:50-4:10pm	Saint or Sinner? Language-action Cues for Modeling Deception Using Support Vector Machines
4:10-4:30pm	The Geography of Conflict Diamonds: The Case of Sierra Leone
4:30-4:50pm	From Tweets to Intelligence: Understanding the Islamic Jihad Support Community on Twitter
4:50-5:10pm	Be Alert and Stay the Course: An Agent-based Model Exploring Maritime Piracy Countermeasures
5:10-5:30pm	How People Talk About Armed Conflicts: An Analysis of Reddit Data

Thursday, June 30

Plenary Session - Health Sciences

Time	Title
9:00-9:10am	Welcome & Introduction
9:10-9:30am	Social Position Predicting Physical Activity Level in Youth: An Application of Hidden Markov Modeling on Network Statistics
9:30-9:50am	Incorporating disgust as disease-avoidant behavior in an agent-based epidemic model
9:50-10:10am	Modeling Social Capital as Dynamic Networks to Promote Health Equity
10:10-10:30am	Break
Keynote 10:30am-Noon	**Tina Eliassi-Rad** *Associate Professor of Computer Science* *Northeastern University* *Boston, MA* **"So Many Choices, So Few Guidelines: Sifting through Functions on Networks"**
Noon-1:30pm	Lunch

Plenary Session - Methodology

Time	Title
1:30-1:50pm	Formality Identification in Social Media Dialogue
1:50-2:10pm	Identifying political "hot" spots through massive media data analysis
2:10-2:30pm	Contextual Sentiment Analysis
2:30-2:50pm	Validating the Voice of the Crowd during Disasters
2:50-3:10pm	Toward a Bayesian Network Model of Events in International Relations
3:10-3:30pm	Break

Plenary Session - Behavioral and Social

Time	Title
3:50-4:10pm	Improving Donation Distribution for Crowdfunding: An Agent-based Model
4:10-4:30pm	An Agent-based Framework for Active Multi-level Modeling of Organizations
4:30-4:50pm	Modeling and Simulation of Sectarian Tensions in Split Communities
4:50-5:10pm	The Role of Reciprocity and Directionality of Friendship Ties in Promoting Behavioral Change
5:10-5:50pm	Introduction to challenge and teaser presentations
6:00-8:00pm	**Poster Session and Reception and vote for challenge problem**

Friday, July 1

Time	Title
8:50-9:00am	Welcome & Introduction
Keynote 9-10:30am	**Pamela I. Blechinger** *Director, U.S. Army Training and Doctrine Command Analysis Center (TRAC)* *Fort Leavenworth, Kansas* **"Models and Simulations in support of Army Acquisition"**
10:30-11:00am	Break

Plenary Session - Military and Intelligence Applications

Time	Title
11:00-11:20am	Sensing Distress Following a Terrorist Event
11:20-11:40am	Conversational Non-player Characters for Virtual Training
11:40-12:00pm	Holy Mackerel!: An Exploratory Agent-based Model of Illicit Fishing and Forced Labor
12:00-1:30pm	General Lunch (on your own)

Plenary Session - Behavioral and Social Sciences

Time	Title
1:30-1:50pm	Exploratory Models of Trust with Empirically-inferred Decision Trees
1:50-2:10pm	Predicting Privacy Attitudes Using Phone Meta-data
2:10-2:30pm	A Preliminary Study of Mobility Patterns in Urban Subway
2:30-2:50pm	An Agent-based Dynamic Model of Politics, Fertility and Economic Development
2:50-3:10pm	On Discrimination Discovery Using Causal Networks
3:10-3:50pm	Break

Plenary Session - Information, Systems, and Network Sciences

Time	Title
3:50-4:10pm	Trust Dynamics Predict Transfer of Learning Effects
4:10-4:30pm	Electricity Demand and Population Dynamics Prediction from Mobile Phone Metadata
4:30-4:50pm	Detecting Communities by Sentiment Analysis of Controversial Topics
4:50-5:10pm	Event Detection from Blogs using Large Scale Analysis of Metaphorical Usage
5:10-5:30pm	"With your help... we begin to heal": Social Media Expressions of Gratitude in the Aftermath of Disaster