



Workshop on Information Technology and Systems (WITS) Feeder

Event: Data Science Methods for Information Systems (Israel)

Event Program

13:00 – 14:00 Joint lunch with ILAIS 2017 annual conference

14:00 – 15:00 Session 1: Social Media and Mobile Analytics

The Effect of Referral Source on News Readership and Sharing: A Field Experiment. *Sagit Bar-Gill, Yael Inbar and Shachar Reichman*

Increasing the Spread of Rumors in Social Networks by “Spreading Groups”
Event-Based Trading: Building Superior Trading Strategies with State-of-the-Art
Information Extraction Tools. *Alon Sela, Orit Cohen-Milo, Irad Ben-Gal and Eugene Kagan*

The Predictive Power of Engagement in Mobile Consumption. *Tomer Geva, Shachar Reichman and Iris Somech*

15:00 – 15:20 Coffee break

15:20 – 16:40 Session 2: Machine Learning and Visualization

Cluster Analysis Over Time: Everything Flows, Yet is Traceable. *Roni Ramon-Gonen*

Modeling of ALS Using a Fully-Temporal Machine Learning Approach. *Aviv Nahon, Jonathan Gordon and Boaz Lerner*

Exploratory Visualization of Database Users Activity for Cyber Security Management. *Rotem Bliner, Peter Bak, Ofer Biller and Adir Even*

The Prediction Power of Heterophilous Neighbors. *Inbal Yahav and Yoram Louzoun*

16:40 – 17:00 Coffee break

17:00 – 18:00 Session 3: Text Mining and Natural Language Processing

Using Retweets to Shape Our Online Persona: A Topic Modeling Approach. *Hilah Geva, Gal Oestreicher-Singer and Maytal Saar-Tsechansky*

Event-Based Trading: Building Superior Trading Strategies with State-of-the-Art Information Extraction Tools. *Zvi Ben-Ami and Ronen Feldman*

Links Knowledge Network: A Topic Modeling Analysis Approach. *Daphne Raban and Dorit Geifman*

18:00 – 19:00 Closing notes and light dinner