

Wednesday, October 15

08:00 - 10:00	Tutorial #1: Introductory Tutorial on Agent-Based Modeling by Dr. Charles Macal
10:00 - 11:20	Talks: Networks & Graph Analytics Lynnette Ng, Divyaansh Sinha and Kathleen M. Carley. Star Network Motifs on X during COVID-19 Prasiddha Siwakoti, Ignacio Segovia-Dominguez and Vito D'Orazio. A Framework for Comparing Vertex-Distribution Graphs: Insights for Social and Conflict Studies Evan Williams, Peter Carragher, Kyle Herdrich, Luke Prakarsa and Kathleen Carley. Extending the BEND Framework to Webgraphs Daniele Bellutta and Kathleen Carley. Toward Evaluating Network Confidence Intervals
11:20 - 11:40	20-min Break
11:40 - 13:00	Talks: Social Behavior & Communities Wooyong Jung, Sola Kim, Dongwook Kim, Maryam Tabar and Dongwon Lee. A New Lens on Homelessness: Daily Tent Monitoring with 311 Calls and Street Images Nick Rogers and Jason Jones. Measuring Trends in Identity Transition Using Social Media Bios: A Methodology and Proof of Concept Tope Falade and Nitin Agarwal. Examining Generational Influence in Online Toxicity: Context-Dependent Patterns in Health and Political Discourse
13:00 - 14:00	1-Hour Lunch
14:00 - 15:45	Poster Lightning Talks - 3 mins Parush Gera and Tempestt Neal. MLSD: A Few-Shot Learning Framework for Domain Adaptation in Stance Detection Derun Xia, Kayo Fujimoto and Sahiti Myneni. Towards a framework integrating peer networks and narratives related to Alzheimer's and Related Dementias in social media: a case study on Bluesky Nurun Naher, Gita Sukthankar and Paul Foster. The Impact of Prompt Engineering on LLM-Synthesized Behavior Trees Parth Ganeriwala, Siyu Wu, Siddhartha Bhattacharyya and Frank Ritter. Evaluating LLM Translation for Prompt-Enhanced ACT-R and Soar Models Neha Sharma and Abhinav Arya. Prisoner's Dilemma: Integrating LLM into Agent-Based Simulation Grace Bai and Aurora Schmidt. Modeling the Spread of Rumors in Large Language Model-Integrated Agent-Based Simulations Kyle Herdrich, Luke Prakarsa, Evan Williams and Kathleen Carley. Graph Neural Networks to Predict Technological Adoption Tim Lee, Sanya Jaffar and Erica Barton, Social Interactions and Medical School Graduation Year: Key Predictors of New Antibiotic Adoption Eshaan Prasad Mathakari, Kashyap Sai Prasad Nadendla, Tanya Evita George and Zenith Prakash Kumar Mesa. Antelligence: LLM-Powered Emergence in a Simulated Foraging Ant Colony Noel Boland and Charles Macal. Agentic AI for Epidemic Simulation: Integrating LLM-Guided Decision Making into Agent-Based Infectious Disease Models Siyuan Zhai, Jeongkeun Shin, L. Richard Carley and Kathleen Carley. A Machine Learning Surrogate Approach for Scalable Design Optimization in Cybersecurity Simulation Isha Nitin Shetye, Anurag Rajesh Mahajan and Alina Vereshchaka. Real-Time Accident Risk Prediction via Stereo Vision and Driver Behavior Analysis Jonathan Morgan, Jake Shaha, Rebecca Marigliano, Matthew Hicks and Kathleen Carley. GhostField: Simulating an Integrated Information Training Environment at Scale Zubair Zabir and Jasser Jasser. Predicting Social Unrest and Political Risk Using GDELT: A Systematic Literature Review Meghan Wilkinson and Robert Thomson. What Does Normal Even Mean? Evaluating Benign Traffic in Intrusion Detection Datasets Parth Ganeriwala, Miki Matsumuro, Frank Ritter and Siddhartha Bhattacharyya. Enabling Formal Verification in a Common Model of Cognition Chaewan Chun, Lysandre Terrisse, Delvin Ce Zhang and Dongwon Lee. MAD: A Benchmark for Multi-Turn Audio Dialogue Fact-Checking Saketh Vishubhatla, Ujun Jeong, Bohan Jiang, Paras Sheth, Zhen Tan, Adrienne Raglin and Huan Liu. Assessing On-the-Ground Disaster Impact Using Online Data Sources Samantha Phillips and Kathleen Carley. More identities, more problems: Managing multiple identities in digital self-presentations Peter Constant and Arvinder Ginda. A Socio-Cognitive Model to Countering Indoctrination Efforts Shadi Shajari and Nitin Agarwal. Uncovering Structural Consistency in YouTube Channels Diwash Poudel, Nitin Agarwal and Sayantan Bhattacharya. Studying Emotional and Trust-building Effects of Symbolic Communication on YouTube Samer Al-Khateeb, Caleb Cannon and Conler Simmons. Examining Hashtag Co-Occurrence Network on BlueSky: A Multi-Case Study of Protest Movements Ravi Teja Karumuri and Huan Liu. Interpretable Features for Distinguishing Machine Generated News Articles Ridwan Amure and Nitin Agarwal. Evaluating Synthetic Data Generation Methods for Anomalous Channel Detection in Sparse-Label Environments Mayor Inna Gurung and Nitin Agarwal. Competing Narratives during Conflicts: Modeling Narrative Diffusion on Telegram in the Russia–Ukraine Conflict Mohammad Hammas Saeed, Manan Suri, David Broniatowski, Erica Gralla, Haneen Al-Rashid, Joseph Simons and Giovanni Luca Ciampaglia. Simulating trustworthy content delivery on social media by manipulating algorithms and architecture Ariana Mondiri and Samer Al-Khateeb. Examining Mobs Images Using Vision-Language Models Eshaan Prasad Mathakari, Kashyap Sai Prasad Nadendla, Tanya Evita George and Zenith Prakash Kumar Mesa. Antelligence: LLM-Powered Emergence in a Simulated Foraging Ant Colony
15:45 - 16:00	15-min Break
16:00 - 16:40	Talks: Methods & Theory 1 Serhii Serdiuk and Frank Ritter. Toward a More Unified ACT-R Cognitive Architecture Monoarul Bhuiyan and Nitin Agarwal. Structure, Semantics, and Attraction: Analyzing Homophily in Recommender Networks
16:40 - 18:00	Keynote #1 - Prof. Lynn Smith-Lovin
18:00 - 20:00	Reception & Poster Session

Legend

SBP-BRiMS 2025 papers
IDEAS 2025 papers