



TDAI Fall Forum Poster Map

Pomerene Hall, Room 301

Poster #	Location	Name	What is the title of your poster?	What are the names of your poster co-authors (name, dept.)?
1	301	Seo Eun (Sunny) Yang	Image with texts: multimodal framing analysis via hypergraph regularized tensor decomposition	Seo Eun (Sunny) Yang, Political Science
2	301	Namrata Banerji	Insight into Daily Lives of Baboons Through Time Series Analysis	Tanya Berger-Wolf (Director, TDAI, Professor, Computer Science and Engineering Electrical and Computer Engineering Evolution, Ecology, and Organismal Biology) Margaret Crofoot (Humboldt Professor, University of Konstanz Director, Dept. for the Ecology of Animal Societies, Max Planck Institute of Animal Behavior) Roi Harel (Dept. for the Ecology of Animal Societies, Max Planck Institute of Animal Behavior)
3	301	Kartik Lovekar	Testing for the Network Small-World Property	Subhadeep Paul (Department of Statistics, The Ohio State University), Srijan Sengupta (Department of Statistics, North Carolina State University)
4	301	Theresia Yazbeck	Site characteristics mediate the relationship between forest productivity and satellite measured solar induced fluorescence	Theresia Yazbeck*[1], Gil Bohrer[1], Pierre Gentine[2], Luping Ye[2,3], Nicola Arriga[4], Christian Bernhofer[5], Peter D. Blanken[6], Ankur R. Desai[7], David Durden[8], Alexander Knoh[9], Natalia Kowalska[10], Stefan Metzger[7,8], Meelis Mölder[11], Asko Noormets[12], Kim Novick[13], Russell L. Scott[14], Ladislav Šigut[10], Kamel Soudani[15], Masahito Ueyama[16], Andrej Varlagin[17] [1]Department of Civil, Environmental, and Geodetic Engineering, The Ohio State University, Columbus, OH, USA [2]Earth and Environmental Engineering, Columbia University in the City New York, New York, NY, USA [3]Key Laboratory of Aquatic Botany and Watershed Ecology, Wuhan Botanical Garden, Chinese Academy of Sciences, Wuhan, China [4]European Commission, Joint Research Centre (JRC), Ispra, Italy [5]Faculty of Environmental Sciences, Institute of Hydrology and Meteorology, Dresden, Germany [6]Department of Geography, University of Colorado Boulder, Boulder, CO, USA [7]Department of Atmospheric and Oceanic Sciences, University of Wisconsin-Madison, Madison, WI, USA [8]Battelle, National Ecological Observatory Network, Boulder, CO, USA [9]Faculty of Forest Sciences, Bioclimatology, University of Göttingen, Göttingen, Germany [10]Department of Matter and Energy Fluxes, Global Change Research Institute of the Czech Academy of Sciences, Brno, Czech Republic [11]Department of Physical Geography and Ecosystem Science, Lund University, Sweden [12]Texas A&M University, TX, USA [13]O'Neill School of Public and Environmental Affairs, Indiana University, Bloomington, IN, USA [14]USDA-ARS Southwest Watershed Research Center, Tucson, AZ, USA [15]AgroParisTech, Ecologie Systématique et Evolution, CNRS, Université Paris-Saclay, Orsay, France [16]Graduate School of Life and Environmental Sciences, Osaka Prefecture University, Osaka, Japan [17]A.N. Severtsov Institute of Ecology and Evolution, Russian Academy of Sciences, Moscow, Russia
5	301	Amaris Williams	TBD	TBD
6	301	Jordan Clark	Developing Machine Learning Models to Estimate Indoor Pollutants	Rajiv Ramnath (Computer Science and Engineering) and Jordan Clark (Civil Engineering)
7	301	Rongjun Qin	Proof-of-concept: Active and low-cost hyperspectral imaging for subsurface sensing	Yang Tang, CEGE; Shuang Song, CEGE
8	301	Sharat Hegde & Manfredi Villani & Qadeer Ahmed	A data-driven approach to optimize vehicle specs for energy efficient operations	Dr. Manfredi Villani and Dr. Qadeer Ahmed of Center for Automotive Research, Mechanical and Aerospace Engineer Dept.
9	301	Manikya Swathi Vallabhajosyula	Building an Intelligent Assistant for Computational Scientists	Rajiv Ramnath (Computer Science and Engineering)
10	301	Hongkuan Zhang	Driving Behavior Aware Caption Generation for Egocentric Driving Videos Using In-Vehicle Sensors	Koichi Takeda (Graduate School of Informatics, Nagoya University), Ryohei Sasano (Graduate School of Informatics, Nagoya University), Yusuke Adachi (Human Dataware Lab.), Kento Ohtani (Human Dataware Lab.)
11	301	Yang Li	Biophysical Forcings of Land-Use Changes in the Eastern Corn Belt	Kaiguang Zhao (School of Environment and Natural Resources)
12	301	Xiaohan Guo	Variograms for Kriging and Clustering of Spatial Functional Data with Phase Variation	Sebastian Kurtek, Department of Statistics, The Ohio State University; Karthik Bharath, School of Mathematical Sciences, University of Nottingham
13	301	Tongxi Hu	A Bayesian Model Framework to Characterize Climate Impacts on Crop Yields	Kaiguang Zhao (School of Environment and Natural Resources, Ohio Agricultural and research Development Center)
14	301	Shane Scaggs	Building a Human-Centered Neotropical Food Web from Published Trophic Interactions	Shane A. Scaggs, Anthropology; Andrew Shen, Data Analytics; Sean S. Downey, Anthropology/TDAI/Sustainability Institute
15	301	Dane Morey	Using Direct Observations of Front-Line Teams to Support Real-Time Fitness Assessment	Morgan E. Reynolds & Michael F. Rayo - Integrated Systems Engineering

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16	301	Abhinay Paladugu	Modeling the Work of Coordination for Supporting Teaming in Advanced Air Mobility	IJtsma, Martijn; Nijveldt, Renske; Paladugu, Abhinay; Department: Integrated Systems Engineering
17	301	Jason Weible	Projects in Vision Science	Mengxi Zhou (CSE), Jason Weible (CSE)
18	301	Yang Ju	Classification of Wetland Vegetation Based On NDVI Time Series	Yang Ju, Gil Bohrer, Department of Civil, Environmental and Geodetic Engineering, Environmental Science Graduate Program
19	301	Armita Kar	Reducing public transit compounds social vulnerabilities during COVID-19	Huyen Le (geography), Andre Carrel (CEGE), Harvey Miller (Geography)
20	301	Enan Srivastava	Congressional Transcript Text Mining: Determining Speaking Consistencies and Party Ideology	Dr. Janet Box-Steffensmeier (Political Science Prof), Laura Moses (Poly Sci Grad Student), Liam Thacker & Adam Perhala (CS Engineering Undergrads)
21	301	Dante Della Vella	Joint Activity Testing: Towards a Multi-Dimensional, High-Resolution Evaluation for Human-Machine Teaming	Mike Rayo, Integrated Systems Engineering. Dane Morey, Integrated Systems Engineering
22	301	Tessa Cotron	Animal Body Pattern vs Genetics	N/A
23	301			
24	301	Sean Downey	Can Q'eqchi' Maya swidden agriculture enhance Tropical forest biodiversity at intermediate levels of disturbance? Evidence from high-resolution multi-spectral drone imagery from the Toledo District, Belize	Sean Downey, Jacob Moschler, Shane A. Scaggs, Shuang Song, Rongjun Qin, Matthew Walker and William E. Peterman
25	301			
26	301	Dema Alkashkish & Armita Kar	Monitoring on-/near-road PM2.5 using mobile air quality sensors	Huyen Le (geography), Andy May (CEGE)
27	301	Melissa Cragin	San Diego Supercomputer Center	
28	301	Craig Fouts	Pollution, Acoustic, and Ecological Data Synthesis: Exploring NEON at the OSU Airport	Tanya Berger-Wolf, Steve Chang, Cameron Erdman, and Nelson Le (Translational Data Analytics Institute)
28	301	Steve Van Tuyl	The Academic Data Science Alliance	Micaela Parker, Academic Data Science Alliance
30	301			
31	301	Bernal Jimenez	Machine Learning for Social Media Pharmacovigilance	
--	320	Clark LiR poster - 1 of 2	Clark LiR #1	tbd
--	320	Clark LiR poster 2 of 2	clark LiR #2	tbd
--	320	Rayo LiR poster	Rayo LiR	Mengyun Li; Dane A. Morey; Michael F. Rayo, PhD
--	320	PROWESS LiR (Anish Arora)	PROWESS @ OSU	Jayson Boubin, Jihoon Yun, Avishek Banerjee, Rajiv Ramnath, Kannan Athreya
--	320	HDR Institute poster	HDR Institute	
--	320	National Ecological Observatory Network	NEON	