

Date/Time	Session Name	Paper ID	Paper Title	Authors
Feb 27, 9:30-10:45	AISI Environmental Sustainability	505	DivShift: Exploring Domain-Specific Distribution Shifts in Large-Scale, Volunteer-Collected Biodiversity Datasets	Elena Sierra; Lauren Gillespie; Moises Exposito-Alonso
		126	Improving Community-Participated Patrol for Anti-Poaching	Duo Liu; Fei Fang; Yixuan Even Xu; Yufei Wu; Shibing Zhu; Xuming Zhang
		204	Constraint-aware Pareto Optimization for Tree-Structured Networks: Addressing Decarbonization Targets with Hydropower Expansion	Aaron M Ferber; Alexander Flecker; Carla P Gomes; Felipe Siqueira Pacheco; Hector Angarita; Marc Grimson; Sebastian Heilpern; Yue Mao; Zhongdi Qu
		284	Enhancing Vision-Language Models with Morphological and Taxonomic Knowledge: Towards Coral Recognition for Ocean Health	Gaowei Zhang; Mingjie Li; Wei Wang; Yi Wang; hongyong han
Feb 27, 11:15-12:30	AISI Safety, privacy, and security	406	Enhancing Privacy in the Early Detection of Sexual Predators Through Federated Learning and Differential Privacy	Afaf Taik; Gilles Caporossi; Golnoosh Farnadi; Khaoula Chehbouni; Martine De Cock; Reihaneh Rabbany
		465	PhishAgent: A Robust Multimodal Agent for Phishing Webpage Detection	Amy He; Bryan Hooi; Chengyu Huang; Nay Oo; Tri Cao; Huilin Wang; Yuxin Li
		133	Fairness Issues and Mitigations in (Differentially Private) Socio-demographic Data Processes	Ferdinando Fioretto; Joonhyuk Ko; Juba Ziani; Saswat Das; Matthew R Williams
		171	The Pitfalls of "Security by Obscurity" -- And What They Mean for Transparent AI	Peter Hall; Sunoo Park
Feb 27, 2:30-3:45	AISI AI for underserved communities	1	Data-driven Precipitation Nowcasting Using Satellite Imagery	Doyi Kim; Hae-Gon Jeon; Minseok Seo; Yeji Choi; Young-Jae Park
		5	Large-scale School Mapping using Weakly Supervised Deep Learning for Universal School Connectivity	Isabelle Tingzon; Utku Can Ozturk; jdoturodriguez@unicef
		134	Bridging the Gap: Enhancing LLM Performance for Low-Resource African Languages with New Benchmarks, Fine-Tuning, and Cultural Adjustments	Adam Kasumovic; Aven Zitzelberger; Guillaume Chabot-Couture; Jessica M. Lundin; Mohammad M. Ghassemi; Tuka Alhanai
Feb 28, 9:30-10:45	AISI Disaster Mitigation and Response	131	FIDLAR: Forecast-Informed Deep Learning Architecture for Flood Mitigation	Arturo Leon; Giri Narasimhan; Jayantha Obeysekera; Jimeng Shi; Zeda Yin
		187	Sim911: Towards Effective and Equitable 9-1-1 Dispatcher Training with an LLM-Enabled Simulation	Elizabeth Chason; Erin Wilson; Kristin Mullen; Meiyi Ma; Noah Mladenovski; Stephen Martini; Zirong Chen
		18	Generalizable Disaster Damage Assessment via Change Detection with Vision Foundation Model	Jihee Kim; Kyeongjin Ahn; Meeyoung Cha; Sangyoon Park; Sungwon Han; Sungwon Park
		61	Optimizing Heat Alert Issuance with Reinforcement Learning	Ellen M Considine; Francesca Dominici; Gregory A. Wellenius; Mauricio Tec; Rachel C. Nethery
Feb 28, 11:15-12:30	AISI Policymaking and resource allocation	47	Contextual Stochastic Optimization for School Desegregation Policymaking	Hongzhao Guan; Jasmine Mangat; Nabeel Gillani; Pascal Van Hentenryck; Tyler Simko
		285	Black-Box Optimization with Implicit Constraints for Public Policy	Chong Liu; JungHo Lee; Shixiang Zhu; Wenqian Xing

		338	Learning Production Functions for Supply Chains with Graph Neural Networks	Benjamin Yan; Chi Heem Wong; Frank Kloster; Jure Leskovec; Qi Xiu; Raj Palleti; Serina Chang; Swapnil Bembde; Xi Luo; Yu Qin; Zhiyin Lin
		99	Predictive Modeling of Homeless Service Assignment: A Representation Learning Approach	Charalampos Chelmis; Khandker Sadia Rahman
Feb 28, 2:30-3:45	AISI Public Health	36	Evaluating Index-based Treatment Allocation in Underresourced Communities	Aparna Taneja; Lucas Janson; Milind Tambe; Niclas Boehmer; Sanket Shah; Yash Nair
		77	Context in Public Health for Underserved Communities: A Bayesian Approach to Online Restless Bandits	Aparna Taneja; Biyanka Liang; Lily Xu; Lucas Janson; Milind Tambe
		367	How Your Location Relates to Health: Variable Importance and Interpretable Machine Learning for Environmental and Sociodemographic Data	Cynthia Rudin; Ishaan Maitra; Jon Donnelly; Sanja Scepovic; Eric Chen; Raymond Lin
		440	Aligning Time-series by Local Trends: Applications in Public Health	Ajitesh Srivastava

Authors