

USC-Amazon Center on Trustworthy AI - 2nd Annual Symposium

Electrical Engineering Building -EEB 132

Friday, April 28, 2023

- 9:00 a.m. Opening Remarks: Salman Avestimehr (Center Director) and Manoj Sindhawani (Center Liaison)
- 9:15 a.m. Trustworthy AI and Federated Learning at Alexa, Jasha Droppo
(Sr Principal Scientist, Alex Ambient Intelligence Services)
- 10:15 a.m. Deep learning and data geometry: A data-driven graph framework for explainable and trustworthy AI
Antonio Ortega (Professor of Electrical and Computer Engineering)
- 10:45 a.m. Coffee Break
- 11:00 a.m. Federated Learning with Secure Aggregation: Accessing and Improving its Privacy
Konstantinos Psounis (Professor of Electrical and Computer Engineering and Computer Science)
- 11:30 a.m. Fair and Private Backpropagation: A Scalable Framework for Fair and Private Learning,
Meisam Razaviyayn (Assistant Professor of Industrial & Systems Engineering, Electrical Engineering,
and Computer Science)
- 12:00 p.m. Poster Session/Lunch - EEB Courtyard
- 2:00 p.m. A Tech-Policy Approach to Data Transparency, Athina Markopoulou
(Professor of Electrical Engineering & Computer Science)
- 3:00 p.m. Bilinear Mechanisms for Physical Layer Security in the Internet of Things, Urbashi Mitra
(Professor of Electrical and Computer Engineering and Computer Science)
- 3:30 p.m. Toward Designing Trustworthy Human-Centered Applications, Shrikanth Narayanan
(Professor of Electrical & Computer Engineering, Computer Science)
- 4:00 p.m. Two-Fold Exploration: Reliable Decision and Data Augmentation with Large Vision-Language Models,
Yunhao Ge (PhD Student Amazon ML Fellow)
- 4:20 p.m. Fairness Aware Emergency Demand Response Program for Electricity,
Sina Shaham (PhD Student Amazon ML Fellow)
- 4:40 p.m. Discovering and Addressing the Pitfalls in Practical Text Generation,
Jiao Sun (PhD Student Amazon ML Fellow)
- 5:00 p.m. Closing Remarks/ Reception

