Annual Symposium USC-Amazon Center on Trustworthy AI

April 30, 2024

Michelson Center, MCB 101

9:00 a.m. Opening Remarks: Salman Avestimehr, Center Director

9:15 a.m. Amazon Opening Remarks: Vincent Ponzo, Amazon

9:30 a.m. Keynote Speaker: Toward Robust and Personalizable Language Models. Aram Galstyan, Research Professor of Computer Science and Principal Scientist at ISI

10:00 a.m. Research Project 1: ConTrust: Conformal Prediction for Trustworthy AI Code Generation. Souti Chattopadhyay, Assistant Professor of Computer Science, and Lars Lindemann, Assistant Professor of Computer Science

10:20 a.m. Research Project 2: Customized Synthetic Data Generation for Private Training of specialized ML Models, Konstantinos Psounis, Professor of Electrical Engineering and Computer Science

10:40 a.m. Research Project 3: Meaning-Aware Response Scoring and Fast Inferencing for Generative LLMs, Salman Avestimehr, Professor of ECE and CS Departments, Director of USC-Amazon Center on Trusted AI

11:00 am Coffee Break

11:20 a.m. Amazon ML Fellow: Tailoring Self-Rationalizers with Multi-Reward Distillation Brihi Joshi, PhD Student

11:40 a.m. Research Project 4: Decoding-time Alignment for Large Language Models, James Yipeng Huang, PhD Student (PI Muhao Chen)

12:00 p.m. Lunch/Poster Session

1:30 p.m. Keynote Speaker: Innovation at Scale: Adapting to Continuous Web Shifts to Enable Cost-Efficient Crawling and Retrieval as LLMs Reshape Technology Landscape., Andrey Styskin, Director, Web Information Services at Amazon Artificial General Intelligence.

2:00 p.m. Amazon ML Fellow: From Instructions to Constraints: Language Model Alignment with Automatic Constraint Verification, Fei Wang, PhD Student

2:20 p.m. Virtual: Amazon Alexa Prize Info Session

2:50 p.m. Panel: Working With Industry
Panelist: Angelica Weiner (Moderator), Rajiv Dhawan, Daniel Marcu, Aram Galstyan, Salman Avestimehr

3:35 p.m. Virtual: Amazon Graduate Recruiting Info Session

4:00 p.m. Closing Remarks