

Data Infrastructure in the AI Era

Thursday, March 20, 2025 9:45 AM (45 minutes)

Abstract: (update forthcoming)

Bio:

Dr. İlkay Altıntaş, a research scientist at the University of California San Diego, is the Chief Data Science Officer of the San Diego Supercomputer Center as well as a Founding Faculty Fellow of the Halicioğlu Data Science Institute at the School of Computing, Information and Data Science. With a specialty in scientific workflows and systems, she leads collaborative teams to deliver impactful results and sustainable solutions through making computational data science and AI work more reusable, programmable, scalable, equitable, and reproducible. She is the Founding Director of the Workflows for Data Science Center for the development of methods and workflows for computational data science, and the WIFIRE Lab on AI methods for an all-hazards knowledge cyberinfrastructure. She is the PI of the NSF National Data Platform and other diverse NSF grants to develop scalable computing, AI and data systems at the digital continuum from edge to HPC. Among the awards she has received are the 2015 IEEE TCSC Award for Excellence in Scalable Computing for Early Career Researchers and the 2017 ACM SIGHPC Emerging Woman Leader in Technical Computing Award. İlkay serves on the elected Board of Governors for the IEEE Computer Society, and was appointed by California Governor Newsom to the Wildfire Technology Research and Development Review Advisory Board. İlkay received a Ph.D. degree from the University of Amsterdam.

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