



Ethics in Machine Learning

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Machine learning affects our daily lives through our online activities, our ability to get a job or loan, or even our medical diagnoses. The potential for this statistical modeling is enormous, but we must consider the ethical impacts of how ML is used for things that affect our lives. While these common ML uses seem to not affect scientific and engineering ML use, science and engineering are just affected in different ways. For example, data quality and selection for model training is always important for making a model that works as intended. Understanding the linkage between existing data and what the model should do is critical for both societal ML use as well as scientific. Underlying this data selection are ethical considerations important across all ML use cases. This talk focuses on many of the places ML is used in science and engineering as well as in society and how decisions made when developing ML models can have profound effects on the outcomes. Audience participation and discussion is strongly encouraged.

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Remote only: Please pre-register at <https://us06web.zoom.us/j/86141583206>

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