

Seminar Series

PCS Framework, Interpretable Machine Learning, and Deep Neural Networks

In this talk, Dr. Yu will discuss the intertwining importance and connections of three principles of data science: predictability (PCS), computability and stability (workflow and documentation). She will also define interpretable machine learning through the PDR desiderata (Predictive accuracy, Descriptive accuracy and Relevancy) and discuss stability as a minimum requirement for interpretability.

PCS and PDR will be demonstrated in the context of one collaborative project in neuroscience, DeepTune, for interpretable data results and testable hypothesis generation.

LEARN MORE:

Monday, October 14, 2019 | 3:30PM—4:30PM |
Weiser Hall, 10th Floor

For more information, including a link to a live video stream when available, visit midas.umich.edu/seminar-series

FEATURED SPEAKER:



Bin Yu PHD,
Chancellor's Professor
Dept. of Statistics and
Electrical Engineering &
Computer Science
University of California,
Berkeley

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