

UPSCALE Reading & Research Group
CSCI 4830/7000
Spring 2024

If you are interested in joining this group without class registration, please email me or stop by my office.

Instructor:

Rebecca Morrison
ECOT 820
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Class details:

Class meetings: Wednesday 11:15 - 12:05, ECES 114, in person
Office hours: By appointment

Course description

During this course, we will read several papers in the general area of **UPSCALE: Uncertainty, Probability, Scientific Computing, And LEarning**. This may include topics from numerical analysis, linear algebra, scientific computing, uncertainty quantification, dynamical systems, scientific machine learning, and so on. Papers will cover state-of-the-art advancements and seminal (historical) foundations. Typically we, as a class, will choose a set of papers at the beginning of term. Each student will be responsible for leading the week's discussion for a few papers, with the exact number depending on class size. Alternating with paper discussions, (graduate) students will also give presentations about their research.