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Friday, October 6, 2023

12:00-1:00 pm

HSLC 1345

or via Zoom Link below

Inferring networks

Abstract: Networks are graphical structures that appear in a variety of biological applications from phylogenetic networks to study evolution to interaction networks to study microbial communities in soil and plants. I will describe the novel statistical advances (and challenges) to estimate 1) phylogenetic networks from genome-wide data, and 2) microbial networks from abundance data. I will conclude with some examples of how deep learning models can be applicable to infer these types of networks.

Join Zoom Meeting:

<https://uwmadison.zoom.us/j/98553230017>



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