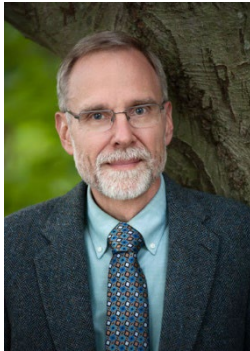


PHYSICS COLLOQUIUM

Wilder Auditorium, Knight Physics 112

Wednesday April 30, 4 PM



Professor Philip Nelson
University of Pennsylvania

Inference in Biological Physics

Probabilistic inference is a thread that runs through most scientific research, yet it is not usually treated in a unified way across its applications to biological physics. I'll outline an approach with illustrations drawn from recent work in super resolution microscopy, cryo-electron microscopy, change point detection, and the operating cycle of the ribosome.

