

NSF Meta-Workshop: AI to Accelerate Science and Engineering Discover
(AI2ASED)

Contribution ID: 20

Type: **not specified**

Fokker-Planck Inverse Reinforcement Learning: A physics-constrained approach to Markov Decision Process models of cell dynamics

Monday 2 October 2023 11:50 (8 minutes)

In this short talk I will discuss our recent work on an approach to introducing connections between the Fokker-Planck equation and learning algorithms for dynamical systems that follow Markov Decision Processes

Authors: Mr HUANG, Chengyang (University of Michigan); GARIKIPATI, Krishna (University of Michigan); Dr SRIVASTAVA, Siddhartha (University of Michigan); Prof. HUAN, Xun (University of Michigan)

Presenter: GARIKIPATI, Krishna (University of Michigan)

Session Classification: Lightning talk I