2022 Network Modeling Virtual Summer School & Symposium

Want to model cellular networks using Python? Learn how to use your data to build quantitative predictive models to test your hypotheses and interpret your data. Ideal for beginners, no prior programming experience required!

Summer School  Mon. July 18-Thurs. July 21
Symposium     Fri. July 22

Topics
- Intro to differential equations-based biochemical modeling
- Intro to Tellurium, libRoadRunner, Antimony and data aggregation
- Model construction/simulation
- Parameter estimation (SBstoat)
- Model repositories, reproducibility, and databases
- Verification and validation (sbmllint)
- Cross validation and design of experiments
- Containerizing and distribution

Symposium speakers
- Matthias König
- Jonathan Karr
- Paul Macklin
- James Glazier

To apply or for more information visit: https://reproduciblebiomodels.org/dissemination-training/workshops/ or email: hsauro@uw.edu

Organized by the University of Washington, Seattle, Indiana University, Bloomington, and the Center for Reproducible Biomedical Modeling; Supported by NIH P41GM109824, NSF 1720625, NIH U24 EB028887, NIH R01GM122424, NIH R01GM123032