

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
Symposium**

**Mon. July 18-Thurs. July 21
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 (sbmlint)
- Cross validation and design of experiments
- Containerizing and distribution

Symposium speakers

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



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

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