

2025 2-Day Kinetic Modeling Virtual Course & Hackathon

You are invited to attend a two-day course and hackathon on kinetic modeling with Tellurium! This short course is designed to take beginner and intermediate-level modelers through the main tasks required in a robust kinetic network modeling workflow. The sessions are practical and show attendees how to implement each task with code. In addition to the practical skills gained in the course, we hope you will expand your professional network and modeling community by connecting with other participants.

Introduction: Python, Kinetic Modeling	Thurs. July 24
Advanced Modeling Techniques	Fri. July 25

Topics

- Intro to differential equations-based biochemical modeling
- Intro to Tellurium, libRoadRunner, Antiony
- Model construction/ simulation)
- Introduction to parameter fitting
- Expoliting modern AI for modeling



To apply or for more information visit:

<https://reproduciblebiomodels.org/dissemination-training/workshops/> or email: hsauro@uw.edu

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