



Wolfram Technologies in Education and Research

April 6th, 2017

9:00 – 10:00, including Q&A

Kerr Hall East, Room 119

This talk illustrates capabilities in *Mathematica* 11 and other Wolfram technologies that are directly applicable for use in teaching and research on campus. Topics of this technical talk include:

- Enter calculations in everyday English, or using the flexible Wolfram Language
- Visualize data, functions, surfaces, and more in 2D or 3D
- Store and share documents locally or in the Wolfram Cloud
- Use the Predictive Interface to get suggestions for the next useful calculation or function options
- Access trillions of bits of on-demand data
- Use semantic import to enrich your data using Wolfram curated data
- Easily turn static examples into mouse-driven, dynamic applications
- Access 10,000 free course-ready applications
- Utilize the Wolfram Language's wide scope of built-in functions, or create your own
- Get deep support for specialized areas including machine learning, time series, image processing, parallelization, and control systems, with no add-ons required

Current users will benefit from seeing the many improvements and new features of *Mathematica* 11 and Wolfram Alpha Pro, but prior knowledge of the Wolfram Language is not required. All attendees will receive an electronic copy of the examples, which can be adapted to individual projects.