MDAnalysis Workshop & Hackathon

November 12-13, 2018

Northwestern University

MDAnalysis is a **free**, **open source** Python package for analysing trajectories from molecular dynamics (MD) simulations. MDAnalysis supports file formats from most programs (Gromacs, Amber, NAMD, Lammps etc) and allows you to write **powerful and transferable analysis scripts**.

The workshop is free and suitable for students/researchers in the broad area of computational (bio)chemistry, materials science and chemical engineering.

PROGRAM

Day 1 morning:
Intro to Python for data analysis
Basic MDAnalysis tutorials

Day 1 afternoon:
Advanced MDAnalysis tutorials

Day 2 morning:
Applying MDAnalysis to your data
Code clinic

Day 2 afternoon:
Development crash course
Hackathon!

Travel grants available!
Women & underrepresented minorities in STEM are strongly encouraged to apply.

Register for FREE at https://workshop.mdanalysis.org

Northwestern University, Evanston
Mudd Library - 2nd floor of Mudd Hall
2233 Tech Drive, Evanston, IL 60208