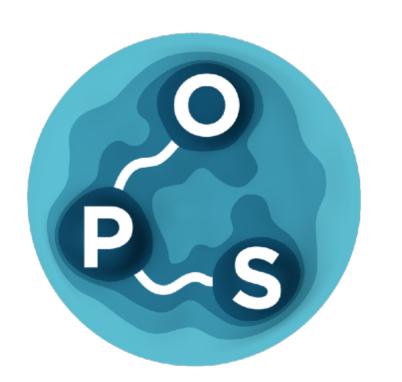# Outline

- What are rare events, and why do we care?

- What is path sampling?

- **What is OpenPathSampling (OPS)?**

- What are some recent updates in OPS?

- How can your projects interface with OPS?

- What's coming soon?

OpenPathSampling

http://openpathsampling.org

Twitter: @pathsampling

Development at: http://github.com/openpathsampling/

A Python library for path sampling simulations

✓ **Easy to use**: Beginners can quickly learn to use it

✓ **Easy to extend**: Advanced users can use it to develop new methods

✓ **Independent of dynamics engine**: Useful in many fields and to the broadest audience

Core Python library, plus separate command line interface

DWHS, Prinz, Noé, Chodera, Bolhuis. JCTC 2019