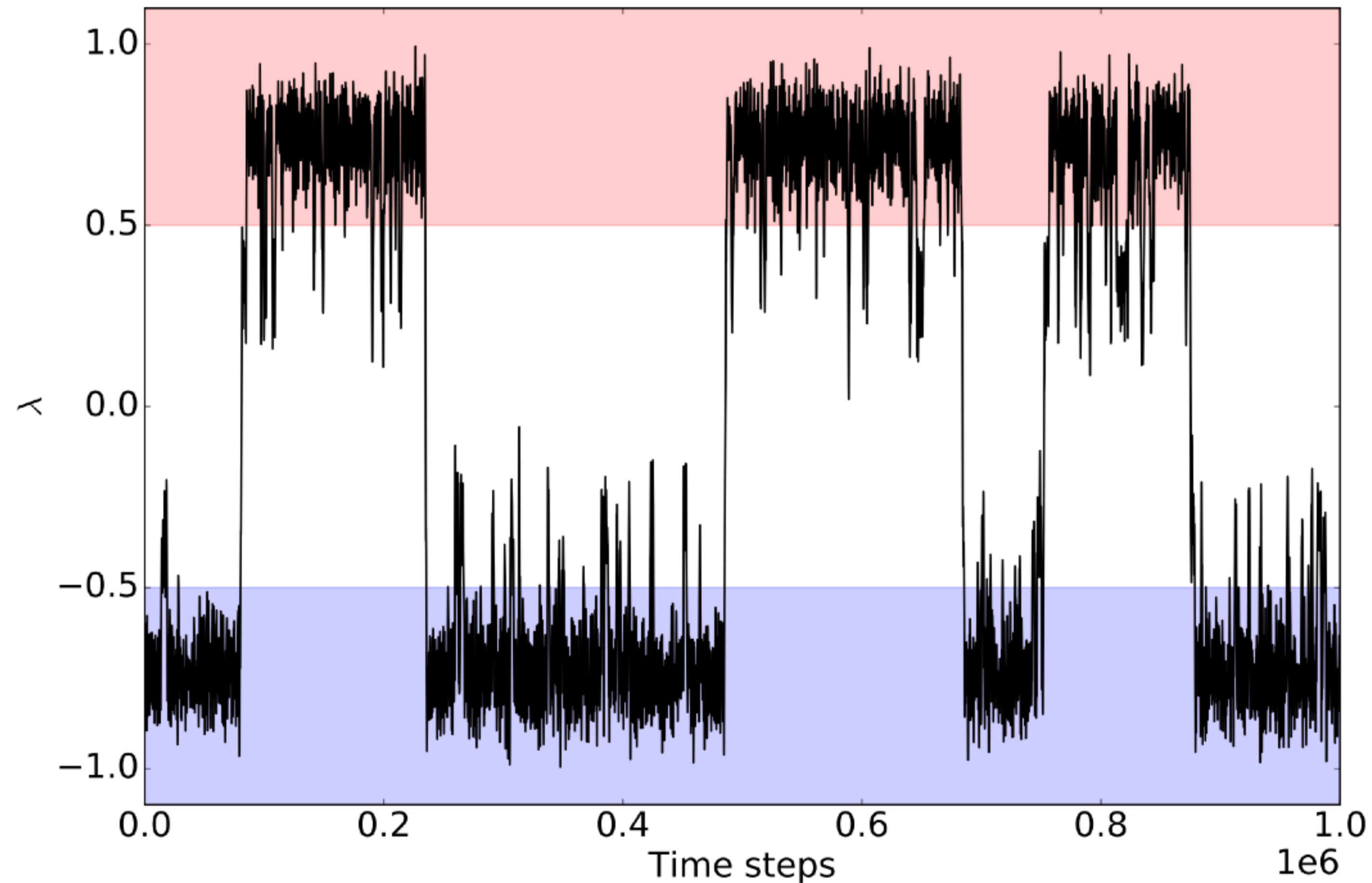# Outline

- **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?

What makes an event "rare"?

Separation of time scales:
fundamental time scale vs. frequency of event