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Contribution ID: **199** Type: **Workshop/BoF proposal**

# Molecular Dynamics and Analysis using BRIDGE

*Thursday, 6 December 2018 11:00 (1h 30m)*

Molecular Dynamics and analysis can be complicated for novitiates and researchers from neighbouring disciplines. Building upon the Galaxy Project platform, BRIDGE (Biomolecular Reaction & Interaction Dynamics Global Environment) is a web application that provides the ability to get started running molecular dynamics and analyses using curated workflows.

**Target Audience:** Computational chemists, biologists, protein scientists, crystallographers and anyone interested in running and analysing molecular dynamics simulations who is not familiar with the command line.

**Prerequisites:** Basic understanding of chemistry. A basic understanding of or keen interest in molecular dynamics.

**Special requirements:** Bring a laptop. Have access to the CHPC cluster. Register with BRIDGE. Install molecular viewer e.g. VMD.

**Day:** Thursday (6 Dec)
**Duration:** 1 day
**Size:** 15 seats

## Presenter Biography

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**Session Classification:** Molecular Dynamics and Analysis using BRIDGE