Contribution ID: **201** Type: **Workshop/BoF proposal**

Molecular Dynamics and Analysis using BRIDGE

Thursday, 6 December 2018 15:30 (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