

# Half-Day Mini-Symposium on Quantum Dynamics

Monday, 29<sup>th</sup> April 2019, 9:15-12:45

Institute of Chemistry, University of Potsdam (Campus Golm)

Karl-Liebknecht-Straße 24-25, 14476 Potsdam-Golm

House 25 (Chemistry Department), Room B 1.01

<https://www.uni-potsdam.de/db/zeik-portal/gm/lageplan-up.php?komplex=2>

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## \*\*\*\* PROGRAM \*\*\*\*

\*) 9h15: Welcome

**Prof. Peter Saalfrank** (University of Potsdam, Germany)

\*) 9h20-10h10: Plenary lecture (40 mn + 10 mn discussion)

**Prof. William H. Miller** (University of California, USA)

*“Classical Molecular Dynamics Simulations of Electronically Non-Adiabatic Processes”*

\*) 10h10-10h45: Contributed talk (30 mn + 5 mn discussion)

**Dr. Foudhil Bouakline** (University of Potsdam, Germany)

*“Light-Induced Non-Adiabatic Quantum Molecular Dynamics”*

\*) 10h45-11h10: Coffee break (25 mn)

\*) 11h10-12h00: Plenary lecture (40 mn + 10 mn discussion)

**Prof. Stuart C. Althorpe** (University of Cambridge, UK)

*“Quantum Boltzmann-Conserving Classical Dynamics: New Developments in Path-Integral Theory and Methodology”*

\*) 12h00-12h35: Contributed talk (30 mn + 5 mn discussion)

**Dr. Ralph Welsh** (CFEL-DESY Theory Division, Hamburg, Germany)

*“Towards Simulating Photochemistry within the Ring-Polymer Molecular Dynamics Approach”*

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No fees, external guests welcome. We are looking forward to seeing you in Potsdam.

Peter Saalfrank, Foudhil Bouakline