



# CECAM School on Path Integral Quantum Mechanics: Theory, Simulation and Application

June 13, 2016 - June 17, 2016, CECAM Lausanne, Switzerland

Organizers: Michele Ceriotti, Mariana Rossi, Tom Markland, Mark E. Tuckerman

Website: <http://www.cecama.org/workshop-0-1314.html>

We warmly invite you to take part in the CECAM School on “Path Integral Quantum Mechanics: Theory, Simulation and Application”. The purpose of this school is to introduce graduate students, postdocs and advanced researchers to the theoretical background and state of the art techniques involving Feynman path integral approaches to quantum dynamics and quantum statistical mechanics and their application to atomistic simulations.

The lectures will be given by world experts in the path integral field assuming previous introductory knowledge of classical molecular dynamics and quantum mechanics. All attendees are encouraged to present posters on their research and we will also be accepting applications for contributed talks. There are no registration fees for the school. In addition partial funding for travel and accommodation will be available for some applicants.

The number of places is limited. Applications should be submitted through the CECAM website. The evaluation of applications for funding and contributed talks will begin on February 15th and continue until all places are filled.

## Invited lecturers:

Stuart Althorpe, *University of Cambridge*

Nandini Ananth, *Cornell University*

Sara Bonella, *CECAM/EPFL*

Michele Ceriotti, *EPFL*

Nancy Makri, *UIUC*

Tom Markland, *Stanford University*

Ondrej Marsalek, *Stanford University*

Angelos Michaelides, *UCL*

Mariana Rossi, *EPFL/Fritz Haber Institute*

Mark Tuckerman, *NYU*

Jiri Vanicek, *EPFL*



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