ETH

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

COMPETENCE CENTER FOR COMPUTATIONAL CHEMISTRY C4
ETH Zürich / University of Zürich / IBM Research

Seminar Programm Frühjahrssemester 2011

Auditorium HCI J7, ETH Hönggerberg
13:00-14:00
(unless otherwise noted)

24. 02.2011, Jointly with the IBM Research Seminar Program *
IBM Research Forschungspreis Award Lecture
Dr. Michele Ceriotti, Oxford University (Oxford, United Kingdom)
The Generalized Langevin Equations and Molecular Dynamics: From Enhanced Sampling to Nuclear Quantum Effects

03. 03. 2011
Prof. Hendrik Zipse, Ludwig-Maximilians-Universität München (Germany)
Computational Catalysis Research

18. 03. 2011, Jointly with the ETH Seminar for Theory, Spectroscopy and Dynamics*
Prof. John Stanton, University of Texas at Austin (Texas, USA)
High Accuracy Quantum-chemical Methods and Vibronic Coupling: Quantatively Accurate Spectral Predictions for Difficult Problems

31. 03. 2011
Prof. Gisbert Schneider, ETH Zürich
Computer-assisted Drug Design: Exploring Virtual Chemical Space

14. 04. 2011
Prof. Rodney J. Bartlett, University of Florida, Gainesville (Florida, USA)
How and Why Coupled-cluster Theory Became the Reference Method in Quantum Chemistry

28. 04. 2011 **Easter Break** (no seminar)

12. 05. 2011
Prof. Gerhard Stock, Universität Freiburg (Germany)
How Complex is the Dynamics of Protein Folding?

26. 05. 2011
Prof. Cherif Matta, Mount Saint Vincent University, Halifax (Nova Scotia, Canada)
Hydrogen-Hydrogen Bonding: A Weak Interaction in Molecules and Crystals

*) see separate announcement for time and location

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