



**NEW**



# Interdisciplinary Graduate Course Catalysis & Interfaces - Science & Engineering

Winter Term 2019 / 2020

Seminar Room 0.113-12 Egerlandstrasse 3

5:15 pm to 6:45 pm, starting October 30, 2019, ending February 5, 2020

**Aim: Introduction to the most important methods in catalysis & interface science & engineering by top experts in each field**

30.10.2019 - Prof. Dr. Julien Bachmann, Atomic Layer Deposition

06.11.2019 - Dr. Thomas Koller, Surface Tension Measurements

13.11.2019 - Prof. Dr. Sabine Maier, Atomic Force Microscopy

20.11.2019 - Dr. Daniel Niesner, Electronic Surface States

27.11.2019 - Dr. Manuela Killian, Time-of-Flight Secondary Ion Mass Spectrometry

04.12.2019 - Dr. Marco Haumann, Fundamentals of Reaction Technology

11.12.2019 - Dr. Olga Kasian, Basic Methods in Electrochemistry & Electrocatalysis

18.12.2019 - Prof. Dr. Martin Hartmann, Solid State NMR Spectroscopy

08.01.2020 - Prof. Dr. Rainer Fink, X-Ray Microscopy in Two and Three Dimensions

15.01.2020 - Prof. Dr. Erdmann Spiecker, Transmission Electron Microscopy

22.01.2020 - Prof. Dr. Dirk Zahn, Molecular Dynamics Simulations

29.01.2020 - Dr. Ole Lytken, Measuring Heats of Adsorption on Surfaces

05.02.2020 - Prof. Dr. Karl Mayrhofer, Online Analytics in Electrocatalysis

**IGC CISE is open to all PhD students and researchers in science and engineering.**

**IGC CISE is part of a 4 semester lecture series consisting of 2 lecture courses and 2 workshops. A certificate of attendance is issued after completion of the 4 semester series.**

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