

Basic lecture program

- EC2/BIG-NSE Initial Phase WS 2019 -

(www.big-nse.tu-berlin.de)

All lectures will be given in **English**.
 Everybody welcome to attend!
 Venue: EC2/BIG-NSE Seminar Room (BEL301, TUB)

Date	Time	Lecturer	Subject basic lecture
We. 02.10.	15:30-17:30	Prof. Thomas (TU)	General presentation UniSysCat
Th. 17.10.	13:00-15:30	Dr. Trunschke (FHI)	Concepts in heterogeneous catalysis
Mo. 21.10.	13:00-15:30	Prof. Ray (HU)	Physical methods in bioinorganic chemistry
Tu. 22.10.	13:00-15:30	Prof. Driess (TU)	Concepts in silicon-based catalysis
Mo. 28.10.	13:00-15:30	Prof. Risse (FU)	Processes at solid surfaces: From adsorption to reactions
Mi. 30.10.	13:00-15:30	Prof. Roldan (FHI)	Surface science and x-ray synchrotron methods applied to Nanocatalysis
Th. 31.10.	13:00-15:30	Prof. Mroginski (TU)	Modelling biological systems
Mo. 04.11.	13:00-15:30	Dr. Oschatz (MPI-KGF)	Nanostructured carbon materials in catalysis
Tu. 05.11.	13:00-15:30	Prof. Wendler (UP)	How can Cryo EM help in understanding enzymatic catalysis
We. 06.11.	13:00-14:30 14:50-15:30	Prof. Hegemann (HU) Lyndsey Walsh (Visiting guest from Rockefeller U.)	Microbial Photoreceptors for Optogenetic application Culturing <i>Chlamydomonas reinhardtii</i> : artistic research techniques and investigations on microalgae
Th. 07.11.	13:00-15:30	Prof. Gurlo (TU)	Materials engineering for catalysis
Tu. 12.11.	13:00-15:30	Prof. Lenz (TU)	Enzymatic catalysis
We. 13.11.	10:30-13:00	Prof. Schomäcker (TU)	Fundamentals of chemical reaction engineering I
Th. 14.11.	13:00-15:30	Prof. Schomäcker (TU)	Fundamentals of chemical reaction engineering II
Tu. 19.11.	13:00-15:30	Prof. Thomas (TU)	Nanostructured catalysts
We. 20.11.	13:00-15:30	Prof. Teichert (TU)	Transition metal-catalyzed (asymmetric) hydrogenation
Th. 21.11.	13:00-15:30	Dr. Matera (FU)	Foundations of chemical kinetics and the kinetic Monte Carlo method"
Fr. 29.11.	10:00-12:30	Prof. Lange (FMP)	Solid-state NMR: Principles and biophysical applications