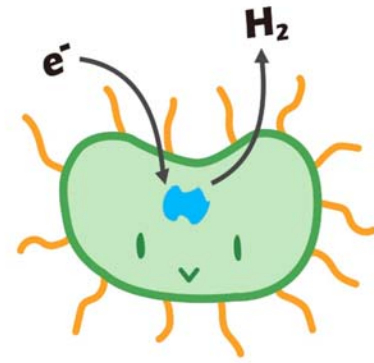


1. Hydrogenase Minisymposium

June 28, 2018



Morning Session

- 10:15 – 10:40 Gangfeng Huang (MPI Marburg)
25 min. „Dioxygen Sensitivity of [Fe] Hydrogenase“
- 10:55 – 11:15 Stefan Mebs & Michael Haumann (Freie Universität Berlin)
20 min. „Spectroscopy and Quantum Chemistry on [FeFe] Hydrogenase“
- 11:30 – 11:50 Stefan Frielingsdorf (Technische Universität Berlin)
20 min. „Revisiting the typical C-terminal extension of [NiFe] hydrogenase large subunits and its role in [NiFe] cofactor insertion and catalytic activity“

Lunch break

Afternoon Session

- 1:15 – 1:40 Philip Ash (University of Oxford, UK)
25 min. „Steady-state Behavior and Time-resolved Steps in [NiFe] Hydrogenase Mechanism Probed by IR Spectroscopy under Electrochemical Control“
- 1:55 – 2:20 Ulf-Peter Apfel (Ruhr-Universität Bochum/ Fraunhofer UMSICHT)
25 min. „A Heterogenous Functional Hydrogenase Mimic for Electrochemical H₂ Generation“
- 2:35 – 3:00 Martin Winkler (Ruhr-Universität Bochum)
25 min. „Filling in the Blanks in [FeFe] Hydrogenase Research“
- 3:15 – 3:35 Marius Horch (Technische Universität Berlin)
20 min. „Understanding Biological H₂ Conversion by Resonance Raman Spectroscopy“

Directions:

Freie Universität Berlin, Department of Physics, Room 1.1.33

Arnimallee 14, 14195 Berlin (Germany)

Exit U3 at “Dahlem Dorf”