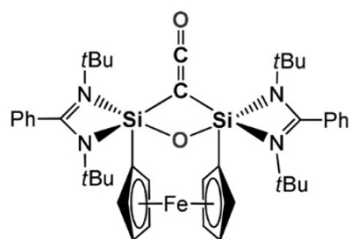


Newsletter

Fall 2019



Research Highlights

[Click here](#) to view take a brief look at what researchers at UniSysCat have been working on the past few months.



Current Affairs

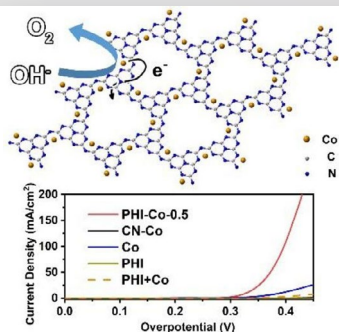
[Click here](#) to view the most recent events, awards and other affairs hosted by UniSysCat.



Upcoming Events

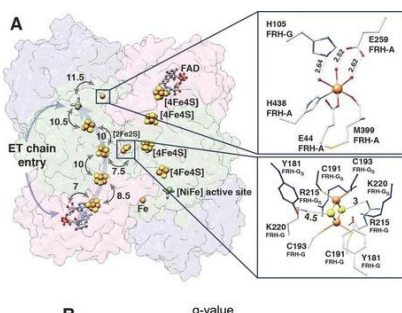
[Click here](#) to take a look at the colloquiums and other events coming up.

Research Highlights



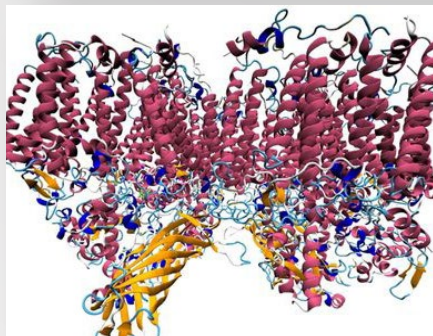
An Oxygen Evolution Reaction via a Noble-metal Free Electrocatalyst

Researchers from four institutions in UniSysCat have developed a noble-metal free electrocatalyst for the oxygen evolution reaction (OER).



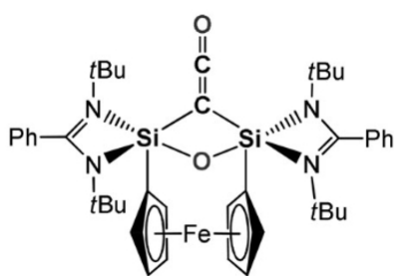
Where hydrogen goes...

The UniSysCat groups of Holger Dobbek and Ingo Zebker present in cooperation with Marius Horch from the University of York and Seigo Shima from the MPI in Marburg crystallographic and vibrational spectroscopic insights into the unexplored structure of the H₂-binding [NiFe]...



Investigating the Structure and Dynamics of Apo-Photosystem II

Prof. Dr. Sandra Luber, SNSF Professor for theoretical and computational chemistry at the University of Zurich (Switzerland), investigated the structure and dynamics of the manganese-depleted photosystem II computationally...



What silicon can do in small molecule activation and coupling

The activation and coupling of small molecules offers a new strategy to synthesize organic commodities (hydrocarbons, alcohols, ketones, carbonic acids etc.) and fine chemicals. The bottom-up synthesis of heteroatom containing...

Current Affairs



Learn more about Katrina Forest in a video, Einstein Visiting Fellow at TUB

Katrina is professor of bacteriology and biophysics at the University of Wisconsin-Madison, USA.



Student Organized BIG-NSE/EC² Workshop takes place at TU Berlin

The 2019 BIG-NSE/EC² workshop organized by J. Niklas Hausmann und Frank Czerny took place on Wed, 16th Oct. 2019...

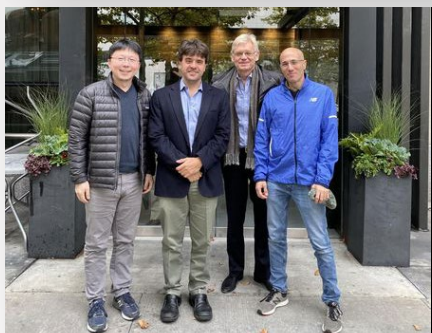


EC2/BIG-NSE workshop (Wed, 16th Oct. 2019)
Bridging homo- and heterogeneous catalysis: The surface organometallic chemistry approach



Grand Opening of UniSysCat - New Dimensions in Catalysis

For the official opening event, UniSysCat presented a multimedia science event and an artistic performance...



Peter Hegemann receives Warren Alpert Foundation Prize 2019 for optogenetics

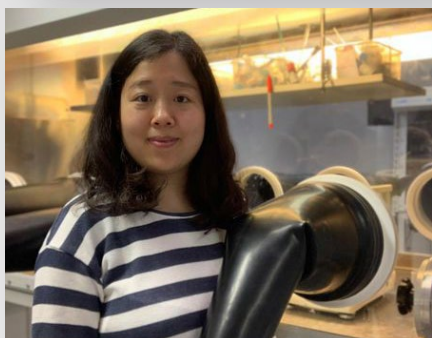
We are delighted to announce that Peter Hegemann, Hertie professor of Neuroscience at Humboldt-Universität zu Berlin and researcher in UniSysCat has received the Warren Alpert Foundation Prize together with Edward...

Current Affairs



Berlin University Alliance Wins Excellence Status

The Berlin University Alliance has won funding as a group in the Universities of Excellence funding line of the German federal and state governments' Excellence Strategy.



Yuwen Wang is one of the 45 finalists for the Reaxys PhD Prize 2019

Yuwen Wang, PhD student in the BIG-NSE graduate school and group member of Matthias Driess is one of the 45 finalists for the Reaxys PhD Prize 2019. The committee honoured her publication "An Isolable Bis(silylene)-Stabilized..."



Student project seeks to use electricity produced by bacteria

An interdisciplinary team drawn from various Berlin universities first competed in the international BIOMOD competition in 2015. The project is hosted by the Chair of Biocatalysis led by Professor Nediljko Budisa and the UniSysCat...



UniSysCat at the Long Night of the Sciences

On Saturday, 15 June 2019 UniSysCat participated during "The Long Night of the Sciences" with a record number of 25 projects in the "House of Chemistry" that filled the "Long Night" program.

Current Affairs



EC2/BIG-NSE PhD student awarded with price from the “Forum Junge Spitzenforscher”

We are proud of our EC2/BIG-NSE PhD student Ammar Al-Shameri for his success (4th place) at the “Forum Junge Spitzenforscher-Klimawandel”.



Upcoming Events



Clara Immerwahr Award Ceremony 2020

The Clara Immerwahr Award ceremony will take place in the TU Berlin's gorgeous atrium in the main building. The ceremony began with opening remarks by the President of the TU Berlin, Prof. Dr. Christian Thomsen.

Date: 14.02.20



UniSysCat Retreat

Over the course of three days, researchers at UniSysCat can go to various presentations by the different group leaders within UniSysCat and learn about current research topics and affairs within the organisation.

Date: 10.02.20 - 12.02.20



New Year's Reception

UniSysCat cordially invites all of its friends and members to the New Year's Reception of 2020. The reception will take place in the lecture hall C 264 in the Chemistry Institute of the Technical University of Berlin and will start at 6:00 pm.

Date: 10.01.20



13th EC2/BIG-NSE Workshop

As every year once their "Initial Phase" is finished, the new PhD students of EC2/BIG-NSE have the great opportunity to present their PhD work plan in front of the UniSysCat community.

Date: 10.01.20



Imprint

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