



Newsletter

Summer 2023



Research Highlights

Click here to 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

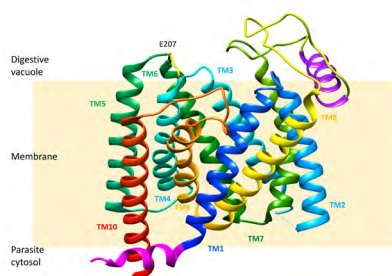
Click here to take a look at the colloquiums and other events coming up.

Research Highlights



Turning plastic waste into hydrocarbons

UniSysCat group leaders Dr. Majd Al-Naji and Prof. Dr. Markus Antonietti published the paper "Turning Polyethylene Waste to Hydrocarbons Using a Sustainable Acidic Carbocatalyst", which was also featured on the cover of the journal "ChemSusChem".



Understanding drug resistance in malaria: Unraveling the pH-dependence of PfCRT and its link to the transport cycle

Dr. Ariane Nunes Alves, Prof. Dr. Michael Lanzer and collaborators investigated the pH dependence of PfCRT. They were able to describe the structural and functional basis of the pH sensitivity displayed by PfCRT and link it to the transport cycle.



The gate - Revealing the mechanism behind rhomboid protease functioning

Researchers from the Leibniz-Forschungsinstitut für Molekulare Pharmakologie (FMP) and UniSysCat recently published a paper in the journal Science Advances, about uncovering a crucial mechanism for regulating rhomboid protease activity.

Current Affairs



Interview with Ariane Nunes Alves

On May 23rd, an interesting interview with UniSysCat researcher Ariane Nunes Alves was published in the Berlin newspaper "Tagesspiegel". In it, she talks about catalysts, enzymes, proteins and how to harness artificial intelligence for cancer medication development.



Biosensor award for Frieder W. Scheller

We would like to congratulate Prof. Scheller for receiving the Anthony and Alice Turner award for "outstanding, sustained and long-term contributions to biosensor technology with particular regard to both novelty and the realization of applications with real value" at the World Congress on Biosensors 2023.



Happy anniversary!

UniSysCat would like to congratulate the Max Planck Institute of Colloids and Interfaces and all the people involved to 30 successful years of innovative research! We are looking forward to many more years and fruitful collaborations.



Nature has the bigger text book

Professor Dr. John C. Warner, an honorary professor at the TU Berlin and the founder of the Warner-Babcock Institute for Green Chemistry, has recently published an interview with the TU Berlin.



Current Affairs



Open position: administrative coordinator

Would you like to work with us in the UniSysCat office? Or know someone that would like to apply? Then check out the open position as administrative coordinator now!



Latest releases of "exzellente erklärt - Spitzenforschung für alle"

Click here to view a little recap of the last six episodes. An absolute recommendation for anyone who likes podcasts and is interested in science (and understands German)!



Revolutionizing Bioprocess Engineering: Prof. Neubauer's Innovations and Agilent's Thought Leader Award

UniSysCat group leader Peter Neubauer has won Agilent's Thought Leader Award, which is endowed with 1.9 million US Dollars. We asked him, how this award will impact his research in UniSysCat.



Clara Immerwahr Award: Call for applications

The call for applications for the Clara Immerwahr Award 2024 is now open. The application deadline is November 5, 2023.



Upcoming Events



Coffee Lectures on RDM: Publishing Research Data

Step into the world of research data publication at our sixth session of the Coffee Lectures on RDM, where we'll dive deep into the transformative power of sharing and publishing your valuable research.

Date: 21.08.23



UniSysCat - Colloquium

"Functional advanced porous materials: Representative examples for clean energy, safe drinking water and as heterogeneous catalysts" by Prof. Sujit Kumar Ghosh.

Date: 23.08.23



Coffee Lectures on RDM: Tools for RDM - ELN

In this session of the Coffee Lectures on RDM, we discover how ELNs revolutionize research data management, streamline workflows, and enhance collaboration in the digital age.

Date: 28.08.23



UniSysCat - Colloquium

"Computational Investigations of Understudied GPCRs for Drug Design" by Prof. Antonella Di Pizio

Date: 06.09.23

Upcoming Events



Coffee Lectures on RDM: Tools for RDM - TUB-DMP

Delve into the world of Research Data Management Ontologies (RDMO) at our upcoming Coffee Lecture. Join us as we unravel the transformative potential of RDMO in effectively writing a Data Management Plan.

Date: 18.09.23



Coffee Lectures on RDM: Tools for RDM - DepositOnce

In the very last session of the Coffee Lectures series on RDM we'll explore the power of this DepositOnce repository, designed to preserve and share your research data with the world.

Date: 25.09.23



Coffee Lectures on RDM: Tools for RDM - tubCloud

In this session of the Coffee Lectures series on RDM we explore the capabilities of tubCloud, the state-of-the-art cloud-based platform designed to securely store, manage, and collaborate on research data.

Date: 02.10.23



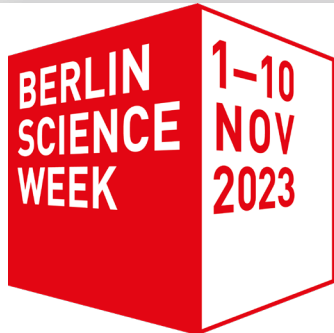
Open Science in Catalysis Research

Prof. Pedro Mendes presents the world of catalysis research in a novel manner. He steps onto the stage to uncover the nuances of Open Science and its significant influence on the catalysis landscape.

Date: 09.10.23



Upcoming Events



Science Slam @ Berlin Science Week

UniSysCat is joining forces again with the other Clusters of Excellency in Berlin in organizing a Science Slam: researchers from different areas will present their research in entertaining way. In Sälchen (Holzmarkt)

Date: 02.11.23



Clara Immerwahr Award Ceremony

Save the date: The Clara Immerwahr Award Ceremony 2024 will take place on Friday April 12, 2024 at 2 pm at the TU Berlin. Guests are cordially invited!

Date: 12.04.2024



Imprint

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