

“Metal compounds for biomedical applications”

Student led symposium

Science & Study Center Raitenhaslach,
April 7–9, 2025

Monday, April 7th

17:15

Transfer from TUM Campus Garching and arrivals

*The shuttle bus departs in front of Munich Institute of Integrated Materials, Energy and Process Engineering on Lichtenbergstraße 4a, 85748 Garching b. München (blue building).
Search for the bus company “Wengler”.*

Useful numbers:

Angela's mobile: +49 152 57509584

Marike's: +49 152 28739112

From 19:00

Check-in @ Hotel Burgblick

Ach 31, 5122 Ach, Austria

Telefon: +49 8677 9650

19:30

Dinner @ Hotel Post

Stadtplatz 39, 84489 Burghausen

Tel.: +49 8677 9650

Tuesday, April 8th

8:45 Transfer to the Science & Study Center

9:00 – 9:20 Welcome and Introductory remarks (Angela Casini)

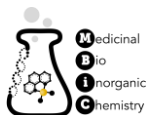
Session I – “Imaging from different angles”

Chair: Marike Drexler & Melina Rumpf

9:20 – 10:00 Keynote Lecture - Célia Bonnet (Centre National de la Recherche Scientifique, Orléans)

“Cations responsive MRI contrast agents: from rational design to in vivo applications”

10:00 – 10:15 – Daniela Krauss (Technical University of Munich, Germany)



10:15 – 10:30 – Franziska Schuderer (Technical University of Munich, Germany)

10:30 – 10:45 – Mihyun Park (Technical University of Munich, Germany)

10:45 – 11:10

Coffee break

Session II – “Mechanisms of catalysis in cells”

Chair: Claudia Schmidt & Iñigo Iribarren

11:10 – 11:50 – **Keynote Lecture** – Stefano Leoni (University of Cardiff, UK)

“Molecular simulations in biomedicine - shedding light on catalytic mechanisms”

11:50 – 12:15 – **Invited Lecture** – Denise Lovison (University of Udine, Italy)

“Catalysis in cells with water-soluble Ru(II) complexes as efficient catalysts for transfer hydrogenation reactions”

12:15 – 12:30 – Elisabeth Klaus (Technical University of Munich, Germany)

12:30 – 13:30

Lunch

Session III – “Supramolecular self-assembly for life, medicine and beyond”

Chair: Guillermo Moreno-Alcántar & Felix Böhm

13:30 – 14:10 – **Keynote Lecture** – Job Boekhoven (Technical University of Munich, Germany)

“Chemically fueling self-assembly towards synthetic life”

14:10 – 14:35 – **Invited Lecture** – Atena-Bianca Solea (École Polytechnique Fédérale de Lausanne, Switzerland)

“Self-assembled architectures for catalysis and cargo delivery”

14:40 – 14:55 – Marike Drexler (Technical University of Munich, Germany)

14:55 – 15:10 – Nina Willnhammer (Technical University of Munich, Germany)

15:10 – 15:25 – Iñigo Iribarren (Technical University of Munich, Germany)

15:30 – 15:45

Coffee break and bus departure

16:00

Guided bus tour through the Wacker factory premises

Johannes-Hess-Str. 24, 84489 Burghausen

Tel.: +49 8677 8386671

19:00

Dinner @ Palazzo Burghausen

Stadtplatz 98, 84489 Burghausen

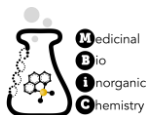
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USt-IdNr.: DE811193231



Wednesday, April 9th

8:45 Hotel Check-out and transfer to the Science & Study Center

Session IV – Organometallic chemistry for drug discovery

Chair: Riccardo Scotti & Nina Willnhammer

9:00 – 9:25 – Invited Lecture – Alexander Pöthig (Technical University of Munich, Germany)

“The joy of macrocycles – from organometallic to supramolecular chemistry”

9:25 – 9:40 – Felix Böhm (Technical University of Munich, Germany)

9:40 – 9:55 – Josielle Viera Fontes (Universidade Estadual de Campinas, Brazil)

9:55 – 10:10 – Miriam Caviglia (University of Camerino, Italy)

10:10 – 10:30

Coffee break

10:30 – 10:45 – Giacomo Senzacqua (University of Sassari, Italy)

10:45 – 11:00 – Guillermo Moreno-Alcántar (Technical University of Munich, Germany)

12:00 – 13:00

Lunch

Departure 13:00