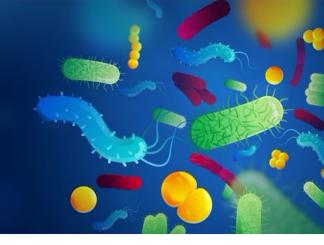


## SCS Fall Meeting 2022

September 8, 2022 – 08.30-18.30h Irchel Campus, University of Zurich



## Inorganic and Coordination Chemistry – G30



## Morning Session, Chair: Dr. Murielle Delley

- 10:45 Using Proximal Cations to Install Internal Electric Fields in Transition Metal [IC-011] Jenny Yang, University of California, Irvine
- 11:15 Exploiting Cobalt(II) Amide Complexes in Deprotonative Metalation of Fluoroaromatic Molecules [IC-013]
  Alessandra Logallo, University of Bern
- 11:30 Synthesis, Structure, Reactivity and Catalytic Activity of Octahedral Heteroleptic  $\beta$ -Diketonate Complexes of Molybdenum<sup>[1]</sup> [IC-014] Fabio Masero, ETH Zurich
- 11:45 Cation assisted binding and cleavage of dinitrogen by uranium complexes [IC-015] Nadir Jori, EPFL Lausanne
- 12:00 (Re)investigating ternary rare-earth β-diketonates complexes: making new insights out of old ones [IC-016]
  Amina Benchohra, University of Geneva
- 12:15 Synthesis and Characterization of an Artificial Iron-Sulfur Metalloenzyme [IC-017] Valerie Waser, University of Basel

## Afternoon Session, Chair: Dr. Marinella Mazzanti

- 14:30 Toward CO<sub>2</sub>-reduced Binders: Limestone Calcined Clay Cements with Improved Workability [IC-021] Patrick Juilland, Sika Technology AG
- 15:00 Anticancer rhenium di- and tricarbonyl complexes and synthesis of new  $\alpha$ -diimine rhenium dicarbonyl complexes [IC-023] Kevin Schindler, University of Fribourg
- 15:15 [99mTc(η<sup>6</sup>-pharm)<sub>2</sub>]<sup>+</sup> synthesis with direct labelling of pharmaceuticals in water [IC-024] Federica Battistin, University of Zurich
- 15:30 Metal Amidinate Precursors for Easy Access to Supported Nanoparticles [IC-025] Christian Ehinger, ETH Zurich
- 15:45 Molecular controllable cubane oxo cluster catalysts and their dynamic role on photoanodes for water oxidation [IC-026]
  Shangkun Li, University of Zurich
- 16:00 β-X vs. β-H Elimination. Selection Rules for Chemoselectivity Enabled by Mechanistic Studies [IC-027] Michael Bogdos, ETH Zurich





