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 β-Diketonate Complexes of Molybdenum[1] [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_2-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 α-diimine rhenium dicarbonyl complexes [IC-023]
Kevin Schindler, University of Fribourg

15:15 $[^{99m}Tc(\eta^6\text{-pharm})_2]^+$ 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

University of Zurich

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