

PROGRAMME prévisionnel

Lundi 16 octobre

9h30 Accueil

9h50 Introduction (Stéphane Ménage)

Session 1

10h00 PL 1 : **Christophe Den Auwer**

Actinides - Métalloprotéines, quel type d'interaction ?

10h50 CO 1 : **Camille Beaulier**

Characterization of a uranium-tolerant green microalga with high potential for the remediation of metal-polluted waters

11h10 CO 2 : **Géraldine Sarret**

Cadmium in cacao: influence of nutrient conditions for Cd uptake, and insights on detoxification mechanisms

11h30 CO 3 : **Adam Nhari**

Development of two-photon lanthanide-based luminescent bioprobes for live cell imaging

11h50 CO 3 : **Axelle Comby**

Molecular probes to identify protein-lanthanides interactions

12h10 Déjeuner

Session 2

14h10 PL 2 : **Sylvestre Bonnet**

Biomimetic photocatalysis with lipid membranes and artificial metalloenzymes : towards solar fuels

15h00 CO 4 : **Jonathan De Tovar**

Toluene oxidation in the liquid phase from an immobilized dicopper(II,II) complex

15h20 CO 5 : **Guanqi Wang**

High Oxidation State of Copper Complexes for Biomimetic Alcohol Oxidation

15h40 CO 6 : **Irene Cassandrini**

New trimetallic Fe_2M -thiolate ($M = Cu, Ag, Au$) complexes: the heterometal inhibits the reactivity with O_2

16H00 CO 7 : **Jade Arnone**

Heterogeneous artificial metalloenzymes for tandem reaction from alkene to sulfoxide

16h30 Pause-café

17h00 Séance posters

19h00 Apéritif

19h30 Diner

21h30 Assemblée générale

Mardi 17 octobre

Session 3

9h00 PL 3 **Christelle Hureau**

Strategies to target Cu(A β)-catalyzed ROS production and A β self-assembly in Alzheimer's disease

9h50 CO 8 : **Rana Deeba**

Mechanistic Studies of the Electrochemical Reduction of Nitrous Oxide with Rhenium Bipyridyl Carbonyl Complexes based on SEC measurements

10h10 CO 9 : **Léonard Olivotto**

Deep Eutectic solvents as an O₂-shield for CO₂-to-CO conversion by carbon-nanotube-supported carbon monoxide dehydrogenases

10h30 CO 10 : **Thomas Pichon**

Biohybrid system for water gas shift reaction: Coupling a carbon monoxide dehydrogenase with a hydrogenase mimic

10h50 Pause-café

Session 4

11h10 CO 11 : **Isabelle Michaud-Soret**

An additional layer of regulation of the peroxide FurC (PerR) sensor in cyanobacteria

11h30 CO 12 : **Jérémie Ruel**

Structural insight into the substrate recognition by the radical SAM oxygenase DarE in darobactin biosynthesis

11h50 CO 13 : **Geneviève Blondin**

EPR and Mössbauer spectroscopic characterizations of OrpR in whole cells

12h10 Déjeuner

14h Autour d'un dernier café