



Concours au poste de PROFESSEUR-E ASSISTANT-E
avec pr titularisation conditionnelle en chimie min rale
au D partement de chimie min rale et analytique
de la Facult  des sciences de l'Universit  de Gen ve
17 et 18 D cembre 2024

1 re partie : 17 D cembre 2024

Salle SCIII 1S059 de 08:00   10:00 et - 1S081 de 10:00   12:00: pr sentations publiques

- 08 :15 – 09 :15 Dr. Atena-Bianca Solea, EPFL, Suisse
Teaching Part: *Taube's inner-sphere electron transfer experiment*
Research Part: *Controlling function through molecular design: from chiral coordination complexes to coordination cages*
- 09 :15 – 10 :15 Dr. Luciano Barluzzi, University of Sussex, Royaume-Uni
Teaching Part: *Structure and stability of 3d transition metal complexes (the Irving-Williams series)*
Research Part: *New frontiers in actinide chemistry: from dinitrogen activation to single component semiconductors*
- 10 :15 – 11 :15 Dr. Helena Roithmeyer, University of Zurich, Suisse
Teaching Part: The spectrochemical series of ligands
Research Part: *Smart Materials: Responsive Macrocycles as Molecule Carriers and Reaction Cavities for Catalysis and Sensing.*
- 11 :15 – 12:15 Dr. Ricardo Fern ndez Ter n, University of Geneva, Suisse
Teaching Part: The chelate effect
Research Part: Photocatalysis Towards Sustainable Energy: Bridging Dynamics, Structure, and Reactivity



2^{ème} partie : 18 Décembre 2025

Salle: SCII A100 – Pictet: présentations publiques

- 09 :15 – 10 :15 Dr. Marina Perez Jimenez, Princeton University, Etats-Unis
Teaching: *La règle des 18 électrons et les complexes carbonyles / The 18-electron rule and carbonyl complexe*
Research: Bimetallic Complexes for Bond Activation
- 10 :15 – 11 :15 Dr. Lucille Babel, University of Geneva, Suisse
Teaching: Les transitions électroniques dans les complexes octaédriques de métaux d / Electronic transitions of octahedral d-metal complexes
Research: *Innovative Ligand Design Strategies for Circularly Polarized Luminescence and Upconversion in Lanthanide Complexes*
- 11 :15 – 12:15 Dr. Kristian Mears, University of Oxford, Royaume-Uni
Teaching: Structure of electron-deficient boranes
Research: London Dispersion Interactions: An Attractive Strategy for Molecular Synthesis