

## **Seminar of the Charles University Excellence Centre UNCE/SCI/014**

*Monday, November 7, 2022 at 14:00 in the Library of Chemistry Section, Faculty of Science*

14:00 **Opening** (Petr Štěpnička)

14:05-13:20

**Eliška Nováková:** HPLC separation of stress induced compounds produced by algae

14:20-14:35

**Soňa Kohúteková:** Materials for NLO applications based on guanidine derivatives

14:35-14:50

**Lukáš Rýček:** Synthesis, catalytic activity, and biological evaluation of new metal complexes containing N-heterocyclic carbene-based ligands

14:50-15:05

**Kinga Gołabek:** Nature and strength of Zr-sites: FTIR spectroscopic studies of citronellal transformation

15:05-15:20

**Pratap Ramling Jagtap:** Formation of heterocycles using C-CN bond cleavage of  $\alpha$ -cyanoamines and mechanistic studies

15:20-15:35

**Adam Alemayehu:** High-temperature oxygen conductors

15:35-15:50

**Robert Mundil:** Synthesis of well-defined polymers and their precise structure determination

15:50-16:05

**Zuzana Kadlecová:** Analysis of peptides and protein digests by mixed-mode UHPLC

16:05-16:20

**Anass Ziari:** Synthesis of compounds structurally related to naturally occurring kadsuphilin L,M