



The Innovative Training Network (ITN) “Coordination Chemistry Inspires Molecular Catalysis” (CCIMC) is a “European Joint Doctorate” type of project funded by the European Commission in the framework of the research programme H2020 / Marie Skłodowska-Curie Actions. It started in March 2020 and is coordinated by the French National Centre for Scientific Research, CNRS, in Toulouse, France. Leipzig University is one of the nine consortium partners.

The ITN addresses the current lack of coordinated doctoral training at the European level on molecular catalysis. It aims to push the frontiers of knowledge in ligand design, coordination chemistry, pre-catalyst development, catalyst recovery and catalytic process implementation, while also offering full-scale training in professional and personal transferable skills. Beside scientific objectives, one important challenge is to train a new generation of junior scientists to meet the economic and societal challenges of the chemical industry in the 21st century.

The project officially started in March 2020 and will run for 4 years. A consortium of 9 academic beneficiaries from 7 European countries develops coordinated projects involving 15 doctoral students. Two of the 15 doctoral students, M. Sc. Max Milewski and M. Sc. Anastasiia Sherstiuk, are co-supervised by Prof. Dr. Evamarie Hey-Hawkins as key supervisor in Leipzig starting in October 2020. The project offers a 3-year joint degree doctorate programme between the Institute of Inorganic Chemistry at Leipzig University and one of the other academic partner institutions including 15 months of research in each laboratory. In addition, two secondments of 3 months each are scheduled, one of which will take place with an industrial partner.



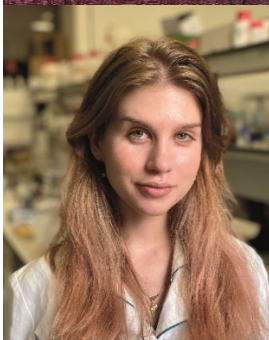
**M. Sc. Max Milewski**

Project “*Carboranyl phosphines meet dendrimers: Electron-deficient scaffolds for ligand design and applications in catalysis*”

Co-supervisors: Anne-Marie Caminade (Laboratoire de Chimie de Coordination, CNRS, France), Evamarie Hey-Hawkins (Leipzig University, Germany)

Industrial partner: Rocco Paciello, BASF (Ludwigshafen, Germany)

(Photo: John Popp)



**M. Sc. Anastasiia Sherstiuk**

Project “*Photo-switchable phosphines for in situ modification of catalysts*”

Co-supervisors: Evamarie Hey-Hawkins (Leipzig University, Germany), Rosa Maria Sebastián (Universitat Autònoma de Barcelona, Spain)

Industrial partner: Jean-Marc Frances, Elkem Silicones (Lyon, France)

(Photo: Alexandra Predeina)

Several events will take place during the next three and a half years: three International Workshops, two Tutorials, one Core Course and one International School. The Core Course will take place in October 2020, in Warsaw (Poland). The two Tutorials will be organised in York (October 2021) and Lyon (October 2022). The first International Workshop will take place in Toulouse in May 2021, jointly with the 5th edition of the European Colloquium on Inorganic Reaction Mechanisms (ECIRM; <https://ecirm2020.sciencesconf.org/>). The two additional International Workshops are planned in April 2022 and March 2024, and will take place in Leipzig (Germany) and Barcelona (Spain), respectively. Finally, the international School is scheduled for April 2023 in Bucharest (Romania).

- Learn more about CCIMC project: <http://www.ccimc.eu/>
- Contact: [ccimc@lcc-toulouse.fr](mailto:ccimc@lcc-toulouse.fr)



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