



ELINA LAURILA

From Finland to France



Project: **Electrochemistry of metal complexes**

Research topic: **Chemistry**

Finnish Institution: **University of Jyväskylä**

French Institution: **University of Grenoble Alpes**

Dates of mobility: **11/09/2022 to 18/09/2022**

Program: **Maupertuis Programme**



PRESENTATION

[Laurila Elina](#) did her PhD (2012) in inorganic chemistry. Her PhD studies were focused on the use of non-covalent interactions in rhodium, ruthenium, osmium and silver complexes and included both experimental and computation work. In addition, she was involved in catalysis and pulp industry projects. She also worked (2004-2012) as a part-time teacher mainly at the [University of Eastern Finland](#). PhD Laurila got a postdoctoral position (2012-2014) at [Chalmers University of Technology](#), Gothenburg, Sweden. The main topics of research were 2D and 3D frameworks via supramolecular and coordinative bonds and the deposition/growing of MOF on different cellulose materials. Currently she is working as a University Teacher at [University of Jyväskylä](#). The work includes teaching mainly general, analytical and inorganic chemistry. The research work is focused on the synthesis of metal compounds, tuning their properties with non-covalent interactions, 3D printed functionalized material and metal analysis of plant materials. Her research interest are broadly extended molecular systems, functionalized materials, catalysis, optical properties, paper- and pulp materials.

ACTIVITIES IN FRANCE

The primary aim of the visit project was to plan a new collaboration research project between JYU and [University of Grenoble Alpes](#). [Directrice de recherche \(CNRS\) Dr. Sylvie Chardon](#) acted as a contact person. The idea of the proposed project was to study the electrochemistry of metal complexes synthesized at JYU. She had a talk of the research projects. Dr. Laurila had meetings and discussions with scientists especially in [EMPRES group](#) (electrochimie moléculaire et photochimie redox) at [the Département de Chimie Moléculaire](#) about their work and research. [Dr Sylvie Chardon](#), [Professor Cyrille Costentin](#) and Dr. Elina Laurila were also planning a course for [the Jyväskylä Summer School 2023](#). Laurila Elina met with [Dr. Jérôme Chauvin](#) and [Dr. Damien Jouvenot](#) in order to consider Erasmus agreement.