

Ms. Yevheniia Kholina
Master student of MaMaSELF program
University of Montpellier (France)

Short term research visit to university of Kyoto

I am a master student of a 1st year from a MaMaSELF program and absolutely happy about chance I got, to make a 3-month internship research project in university of Kyoto, Institute for Chemical Research, at Advanced Solid State Chemistry Laboratory (Shimakawa group). The research project I involved in is focused on studying synthesis and property measurements of Fe-containing oxide-ion conducting materials.

Japan is one of the most beautiful places, filled with the kindest of people. People, working in the Professor's Shimakawa research group made my stay full of adventures (for example, there is a sport competition tournament in the university, see lower a picture made after Tug of war competition) and useful scientific experience. Despite their busy schedules, lab members helped me to get settled in, showed me around, and helped to learn new for me experimental techniques. They were carefully explaining and supporting me during all the experiments. Their expertise has been very precious in helping me to make a progress in my research.



This stay in Japan has been an amazing experience, both professionally and personally. During few months, I performed synthesis of Fe-containing oxygen-ion conducting perovskites, structure analysis, magnetic measurements and Mossbauer spectroscopy measurements for mentioned materials. Apart of solid-state reaction synthesis, I had chance to make High Pressure synthesis. Another valuable experience I got from discussions, I've had with researchers and students, through which you may critically look on the results of experiments and receive advices from much more experienced scientists, working years in the topic of Novel functional transition-metal oxides.

I would like to thank Shimakawa-Sensei and his team, who welcomed me under such great conditions, for their kindness, help and professionalism.