

Young Chemists Crossing Borders

a transatlantic exchange program



Mr Dušan Petrović

Dušan Petrović studied Chemistry and Biochemistry at the University of Belgrade, Serbia, and at North Dakota State University, USA. As an Otto-Bayer and Jürgen-Manchot fellow, he did his PhD studies in Computational Biochemistry with Jun.-Prof. Birgit Strodel at the Research Center Jülich and Heinrich Heine University Düsseldorf, Germany. He is currently a postdoctoral researcher in the group of Prof. Lynn Kamerlin at Uppsala University, Sweden, where he works on the structural and dynamical aspects of enzyme evolution and enzyme design. In his free time, Dušan enjoys photography.

Dr Elena Lenci

Elena Lenci graduated in Chemistry and got her PhD title in Organic Chemistry in 2017 from the University of Florence, Italy. In 2016, she spent a research period in the group of Prof. Dixon at the University of Oxford, UK. She is currently working with Prof. Trabocchi as a postdoctoral researcher, developing novel amino acid- and sugar-derived scaffolds for medicinal chemistry projects. Since 2016, she is board-member of the Young Group of the Italian Chemical Society (SCI), representing the division of Educational Chemistry, where is actively involved in promoting science communication and education at all levels. Since 2018, she is the Italian Young Delegate for ChemPubSocEurope.



Dr Alexandre Herve

Dr. Alexandre Herve did his Ph.D. on the coordination of the cyanide ion with the f-elements under the supervision of Dr. Jean-Claude Berthet at the CEA (France) (2011 – 2014). This work was followed by two postdoctoral positions at the University of California – Berkeley (USA) with Prof. Richard A. Andersen and then at the Berkeley Lab (USA) on the development of actinides nanomaterials for nuclear fuel with Dr. Stefan Minasian. A. Herve was appointed a Marie-Curie “Prestige” Postdoctoral Fellow at the “Laboratoire Chimie de la Matière Condensée” of Paris (2017) to work with Dr. David Portehault on boron-based nanomaterials.

Ms Andra-Lisa Hoyt

Andra-Lisa Hoyt is a Doctoral Fellow of the German Federal Environmental Foundation (DBU) at the University of Konstanz with a passion for physical chemistry, stone conservation, and international collaboration. During her early graduate education, she spent a year abroad at the University of Massachusetts Amherst in the U.S. and started volunteering as a regional board member of the German JungChemikerForum (JCF). In 2017, she completed her chemistry Master’s degree in Konstanz. Afterwards, she gained experience in industrial research before starting her doctoral project about infiltration and crystallization processes in stone as an exemplary porous system at her Alma Mater.

