



Announcement of the 2020 QBIC Society Award

The Quantum Bio-Inorganic Chemistry Society is delighted to announce the winner of the Society's award for the year 2020, **Dr. Martin Srnec**.

The award recognizes the outstanding contributions of Dr. Srnec to the theoretical treatment of chemical reactivity, specifically the development of the concept of (a)synchronicity of electron and proton transfer and its application to hydrogen-abstraction reactions, as well as the theoretical description of kinetic energy distribution within reactive modes in relation to reaction selectivity.

Dr. Srnec will present his research in an award lecture at a forthcoming meeting of the QBIC Society.

Brief biography



Martin Srnec, born in 1980, grew up in Bechyně in the Czech Republic, received his Ph.D. at Institute of Organic Chemistry and Biochemistry in Prague in 2010 (with L. Rulíšek), and was a postdoctoral fellow at Stanford University in 2011-2013 (with E. I. Solomon). In 2014, he received the Purkyně fellowship from the Czech Academy of Sciences to establish his own research group at the J. Heyrovský Institute of Physical Chemistry in Prague, where he is appointed as head of the Department of Computational Chemistry from 2019. Since 2016 he also teaches at the Faculty of Science of Charles University. Dr. Srnec's research interests lie mostly in the field of theoretical bioinorganic chemistry with emphasis on the application of a range of quantum-chemical methods to elucidate geometric/electronic structure properties of various enzymatic and biomimetic redox-active transition metal sites and their

contribution to reactivity, and to develop new concepts in chemical theory. He is the recipient of the Prize of Learned Society of the Czech Republic (2020), O. Wichterle premium provided by the Czech Academy of Sciences (2015), and Scopus Award for one of the three best papers published in the Czech Republic (2009).

Links:

<http://www.srneclab.cz>