

• PERSONAL INFORMATION



Born: 17.11.1983 in Donetsk, Ukraine
Home address: Mendelova 543/15, 149 00 Prague 11, Czech Republic
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Scientometric: H-index 20, 63 publications, 1358 citations (WOS 08.04.2022)

• PROFESSIONAL EXPERIENCE

Since 2017 – **Assistant Professor**
Department of Physical and Macromolecular chemistry, Faculty of Science,
Charles University / Czechia
2014 – 2019 **Research assistant**
Department of Synthesis and Catalysis, J. Heyrovsky Institute of Physical Chemistry,
Academy of Sciences of the Czech Republic / Czechia
2013 – 2014 **Postdoctoral researcher** (the group of Prof. J. Čejka)
Department of Synthesis and Catalysis, J. Heyrovsky Institute of Physical Chemistry,
Academy of Sciences of the Czech Republic / Czechia

• EDUCATION

2013 **Ph.D. in physical chemistry**
Ph.D. thesis “B-, Al-, Ga- and Fe-containing extra-large pore zeolites with UTL topology: synthesis, structure and catalytic properties” (Supervisor: O. Shvets, Ph.D.)
L.V. Pisarzhevskii Institute of Physical Chemistry, National Academy of Sciences of Ukraine /Ukraine
2006 **Master in chemistry (with honours)**
Master thesis “Mordenite with combined micro-mesoporous structure: physico-chemical and catalytic properties” (Supervisor: E. Knyazeva, Ph.D.)
Chemistry Department, M.V. Lomonosov Moscow State University / Russian Federation

• AWARDS

2021 – **Learned Society of the Czech Republic Young Scientist Award**
(<https://www.learned.cz/cz/oceneni/nositele-cen-ucene-spolecnosti/nositele-cen-za-rok-2021.html>)
2020 – **Dean's Award** (<https://www.natur.cuni.cz/fakulta/aktuality/dekan-fakulty-prof-jiri-zima-ocenil-nejlepsi-absolventy-a-mlade-vedecke-pracovniky-za-rok-2020>) for young academic
2017 – **Werner von Siemens Award** (<https://www.universitas.cz/aktuality/310-siemens-ocenil-inovace-diplomove-prace-zeny-ve-vede-i-prekonavani-prekazek>) for the contribution to the development of ADOR chemistry (together with Prof. J. Čejka, Dr. P. Eliášová, Dr. J. Prech, Dr. M. Mazur, Dr. M. Opanasenko)

• RESEARCH INTERESTS

Hydrothermal synthesis and post-synthetic modification of zeolites;
Probing nanostructured materials by in-situ and operando FTIR spectroscopy;
Heterogeneous catalysis