

CURRICULUM VITAE

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PERSONAL

Date and place of birth: 24th August 1986, Žilina, Slovakia

Nationality: Slovak

Sex: male

Marital status: single

Present professional position: senior researcher

EDUCATION

2010 – 2014 → PhD study at Institute of Inorganic Chemistry, Slovak Academy of Science, Bratislava, Slovakia, PhD. Degree in Inorganic Technology and Materials

Thesis: *Carbon nanotubes – oxide ceramics composites and their properties*

PROFESSIONAL CAREER

07/2020 – present time → senior researcher, Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovakia

09/2014 – 07/2020 → researcher, Institute of Inorganic Chemistry, Slovak Academy of Sciences, Bratislava, Slovakia

STAYS AT FOREIGN INSTITUTES AND UNIVERSITIES

November – December 2013 Technical University Darmstadt, Department of Materials and Earth Sciences, Research Groups of Dispersive solids, Darmstadt, Germany

October – December 2012 Technical University Darmstadt, Department of Materials and Earth Sciences, Research Groups of Dispersive solids, Darmstadt, Germany

PROFESSIONAL ACTIVITIES

Co-Organiser: Joint annual meeting of the Slovak Silicate Scientific – Technological Society and Workshop of advanced ceramics and glasses (2019, 2022)

RESEARCH FIELD

- Preparation and sintering of granulated composite ceramic powders with graphene or carbon nanotubes.
- Characterization of functional properties (electrical conductivity, thermal diffusivity, thermal conductivity) of ceramic carbon-nanostructure composites.

- Preparation and characterization of silicon carbide ceramics with high thermal conductivity.

HONORS

2021 – Award for scientific results in the field of research and development of ceramic composites with graphene (Scientific team of the year 2021 led by Ján Dusza and Pavol Šajgalík)

Ministry of Education, Science, Research and Sport of the Slovak Republic

2019 – 2nd place in the competition of young scientists of Slovak Academy of Sciences up to 35 years old for the best set of scientific publications.

Slovak Academy of Sciences

MEMBERSHIP

Slovak Silicate Society, European Ceramic Society

PUBLISHED WORK

33 scientific papers in international journals (Scopus) with about 234 citations (Scopus); h-index 11.

LANGUAGE ABILITY

English, Czech, German (passive)