

Dr. Szymon Starzonek

Address: University of Ljubljana, Faculty of Electrical Engineering, Trzaska 25, 1000 Ljubljana, Slovenia

Phone:+386 1 476 8826

E-mail:szymon.starzonek@fe.uni-lj.si

Educational Background:

- B.Sc. in Biophysics, Faculty of Mathematics, Physics and Chemistry, University of Silesia
- M.Sc. in Biophysics, Faculty of Mathematics, Physics and Chemistry, University of Silesia
- Ph.D. in Physics, Institute of High Pressure Physics of the Polish Academy of Sciences

Research and Professional Experience:

- 2023 habilitation, asistent-raziskovalec in electrical engineering, Faculty of Electrical Engineering, University of Ljubljana
- 2023 assistant in Laboratory of Physics, Faculty of Electrical Engineering, University of Ljubljana (full-time employment)
- 2023 visiting researcher at Institute Jozef Stefan, Ljubljana (2 weeks)
- 2014–2022 assistant at Institute of High Pressure Physics PAS, Warsaw (full-time employment)
- 2020 scientific stay at University of Maribor (6 months)
- 2012-2022 contractor/investigator in many projects

Awards:

- 2023 Dean's award, Faculty of Electrical Engineering, University of Ljubljana

Referee:

Molecules, The European Physical Journal E, Crystals, Dalton Transactions, Journal of Molecular Liquids, Materials, Polymers, Soft Materials, Physical Review E, Journal of Non-Crystalline Solids

Grants:

National Centre for Science (Poland) – ETIUDA grant no. 2019/T/ST3/00621 (117 000,00 PLN), leader and PI

Editorial activities:

- Crystals, Editorial Board Member
- The European Physical Journal E, Guest Editor (2022)
- Crystals, Guest Editor (2023)

Membership of Scientific Associations:

- Polish Physical Society
- Polish Liquid Crystal Society

- International Liquid Crystal Society

Research Interests:

Study of molecular dynamics, phase transitions and electric properties of biological and soft matter systems (glass-forming liquids, liquid crystals, plastic crystals, polymers) as well as new materials like glasses, ceramics and composites.