

Correspondence address:

Institute of Metallurgy and Materials Science, Polish Academy of Sciences

Reymonta Str. 25, 30-059 Kraków

Phone: (012) 295 28 07

e-mail: m.bugajska@imim.pl

ORCID: <https://orcid.org/0000-0002-8133-404X>

Employment and positions

2020 - Chemist at the Institute of Metallurgy and Materials Science of the Polish Academy of Sciences

Scientific Career

M.Sc.: Jagiellonian University, Faculty of Chemistry; field of study: Chemistry; field of specialization: Physicochemical foundations of nanotechnology, 2016

Ph.D.: Institute of Metallurgy and Materials Science, Polish Academy of Sciences, 2020

Scientific achievements

The most relevant publications during last 5 years:

1.

Monika Bugajska, Siegfried Fürtaufer, Hans Flandorfer, Przemyslaw Fima: Enthalpy of mixing of liquid Ag-Li-Sb alloys; Journal of Molecular Liquids 269 (2018) 501-510

Research Projects

Projects from National Science Centre:

-

Project 2015/19/B/ST8/01074, *Thermodynamics and structure of liquid Ag-Li-Sb alloys*, IMMS PAS, Contractor, 2016-2019

Scientific experience gained at home and abroad

2017 - scientific internship, Department of Inorganic Chemistry/Materials Chemistry, University of Vienna (Austria) - 4 weeks

2019 - scientific internship, Department of Inorganic Chemistry/Materials Chemistry, University of Vienna (Austria) - 2 weeks

2019 - training, University of Mons, Mons (Belgium) - 1 week

2019 - 2020 - training, Institute of Metallurgy and Materials Science, Polish Academy of Sciences, Krakow (Poland) - 9 months

Main scientific interests

Metallic coatings - production and characteristics, thermodynamic properties and structure of alkali metal alloys; applications of calorimetry and thermal analysis in materials science and physicochemistry of metallic systems; renewable energy sources.