

Joachim Jelisiejew

21st August 2024

Faculty of Mathematics, Informatics and Mechanics

University of Warsaw

Banacha 2, Warsaw, Poland.

e-mail: j.jelisiejew@uw.edu.pl

EDUCATION AND TITLES

- April 2023 **University of Warsaw**, *Habilitation*
Granted with distinction for the work on *Generalizations of Białynicki-Birula decompositions and applications to moduli spaces*
- Oct 2013 – Sep 2017 **University of Warsaw**, *PhD student in Mathematics*
PhD Thesis *Hilbert schemes of points and their applications* (summa cum laude)
Advisor: Jarosław Buczyński. Auxiliary advisor: Weronika Buczyńska.

EMPLOYMENT

- Jul 2024 – **University of Warsaw**, *Associate professor (pl. prof. uczelni)*
- Oct 2023 – Jun 2024 **University of Warsaw**, *Assistant professor*
- Oct 2019 – Sep 2023 **University of Warsaw**, *Samuel Eilenberg's assistant professor*
- Oct 2017 – Sep 2019 **Polish Academy of Sciences**, *assistant professor*

PUBLICATIONS

For a complete list of publications, see

<http://www.mimuw.edu.pl/~jjelisiejew/publications.html>

<https://arxiv.org/search/math?searchtype=author&query=Jelisiejew>

<https://mathscinet.ams.org/mathscinet/search/author.html?mrauthid=1061482>

STUDENTS AND POSTDOCS

See list at

<https://www.mimuw.edu.pl/~jjelisiejew/students.html>

CONFERENCES AND SCIENTIFIC COOPERATION (LAST YEAR)

- January 2024 Les Diablerets meeting (invited talk)
- February 2024 Seminar talk at Auburn University (remote)
- March, June 2024 Cambridge: Enumerative Geometry semester (participant)
- April 2024 Research in pairs meeting with A. Sammartano and R. Ramkumar
- May 2024 The Geometry of Hilbert Schemes of Points (invited talk)
- September 2024 Syzygies and Hilbert schemes conference (organizer, planned)

PRIZES AND HONOURS

- 2021 **Scholarship for outstanding young scientists**, *Minister of Education, Poland*
- 2021 **Rector of University of Warsaw prize**, *University of Warsaw*
<https://www.uw.edu.pl/wp-content/uploads/2021/04/wyroz%CC%87nienia-rektora-2021-1.pdf>
- 2020 **START scholarship**, *Foundation for Polish Science*
- 2019 **Kuratowski's prize**, *IMPAN and Polish Math Society*

www.impan.pl/pl/wydarzenia/nagrody/nagroda-kazimierza-kuratowskiego.

2018

Prime Minister of Poland Prize for PhD,

PROJECTS

2024 –

Geometry behind tensors,

Principal investigator, National Science Centre Sonata Bis grant.

2021 – 2024

Generalizations and applications of Białynicki-Birula decompositions,

Principal investigator, National Science Centre Sonata grant.

2015 – 2017

Local geometry of the Hilbert scheme of points and its applications,

Principal investigator, National Science Centre Preludium grant.

POPULARIZATION

May 2009 –

Białystok University of Technology, *Coorganizer of local mathematical competition*

The competition is designed as an intermediate step between school and Mathematical Olympiad, four relatively easy proof tasks are given/4h.

<http://konkurs.wi.pb.edu.pl>

Sep 2019 –

Junior Mathematical Olympiad, *Member of the Committee*

<http://www.omj.edu.pl>