

PERSONAL INFORMATION

Full name: Marcin Napiórkowski
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DEGREES AND ACADEMIC TITLES

2022 Habilitation with distinction, Faculty of Mathematics, Informatics and Mechanics, University of Warsaw
2010–2014 PhD studies at the Faculty of Physics, University of Warsaw, advisor: Prof. Jan Dereziński. PhD degree awarded with distinction on 29 September 2014
2005–2010 Master's studies within the MISMaP College. Master's degree in Mathematics obtained at the Faculty of Mathematics, Informatics and Mechanics, University of Warsaw. Advisor: Prof. Henryk Żoładek

CURRENT POSITION

2026–present Associate Professor at the Faculty of Physics, University of Warsaw

PREVIOUS POSITIONS

Oct 2018–Mar 2019 Visiting Professor (W3), Institute of Mathematics, Ludwig-Maximilians-Universität München, Germany
Oct 2014–Sep 2016 Postdoc, Institute of Science and Technology Austria, Austria. Mentor: Prof. Robert Seiringer
Oct 2016 - Dec 2025 Assistant Professor at the Faculty of Physics, University of Warsaw

LONG-TERM RESEARCH VISITS

2014 Erwin Schrödinger Institute, Vienna, Austria. 2 months, collaboration with Prof. Jan Philip Solovej
2013 Institute of Mathematics, Ludwig-Maximilians-Universität München, Germany. 4 months, collaboration with Prof. Peter Pickl
2012 Department of Mathematics, University of Copenhagen, Denmark. 5 months, collaboration with Prof. Jan Philip Solovej

SCHOLARSHIPS AND AWARDS

2020 **Scholarship of the Minister of Science and Higher Education for Outstanding Young Scientists**
2020 **Rector's Distinction Award (University of Warsaw)** for outstanding research and teaching achievements
2018 **Dean's Award named after Rectors Stefan Pieńkowski and Grzegorz Białkowski** for outstanding scientific achievements
2010–2014 **Doctoral Scholarship**, Foundation for Polish Science

GRANTS

2024-2029 NCN grant “Sonata Bis 13” (2023/50/E/ST1/00439, budget approx. 1,600,000 PLN), Principal Investigator

2020-2024 NCN-DFG grant “Beethoven Classic 3” (jointly with Phan Thanh Nam (LMU Munich)) (2018/31/G/ST1/01166, budget approx. 937,000 PLN), Polish Principal Investigator

2017-2021 NCN grant “Sonata 11” (2016/21/D/ST1/02430, budget approx. 160,000 PLN), Principal Investigator

2012-2015 NCN grant “Preludium 4” (2012/07/N/ST1/03185, budget approx. 65,000 PLN), Principal Investigator

TEACHING

Lectures: Algebra with Geometry, Mathematics of Bose-Einstein Condensation, Stability of Matter, Statistical Physics A, Partial Differential Equations*, Quantum Mechanics from Condensed Matter to Computing, Quantum Information and Quantum Many-Body Theory

Tutorials: Analysis I R, Analysis II R, Analysis III R, Analysis I, Analysis II, Analysis III, Analysis IV, Algebra I R, Algebra II R, Differential Geometry I, Algebra with Geometry I, Algebra with Geometry II, Operator Theory, Introduction to Quantization, Complex Analysis and Special Functions I, Mathematical Introduction to QFT

* lecture delivered at LMU. Other courses taught at the Faculty of Physics, University of Warsaw.

In the years 2021–2022 and 2023–2024 I served as the Warsaw coordinator of educational grants implemented within the 4EU+ Alliance (Erasmus+ and Seed4EU+ grants).

STUDENTS AND POSTDOCS

Bachelor students: Mateusz Goślinowski (2020), Michał Pietruszka (2020), Ksawery Mielczarek (2022), Marcel Majocha (2025)

Master's students: Oskar Stachowiak (2023), Michał Pietruszka (2025)

PhD students: Norbert Mokrzański (2022–), Wojciech Niedziółka (2025–)

Postdocs: Ben Li (2021-2023), Błażej Ruba (2024–)

ORGANIZATIONAL ACTIVITIES

31 VII – 4 VIII 2023 co-organizer (with Christian Hainzl and Robert Seiringer) of the summer school **Summer School Current Topics in Mathematical Physics** at the Faculty of Physics UW

5–7 VII 2023 co-organizer of the conference **Workshop of Young Researchers in Mathematical Physics**, Westerham, Germany

5–6 IX 2022 co-organizer of the conference **Mathematical physics: new developments and perspectives**, PAN Research Center in Paris

6–11 VI 2022 co-organizer of the conference **Mathematical results of many-body quantum systems**, Herrsching, Germany

since 2020 co-organizer of the KMMF seminar **Duality Theory**

REFEREE ACTIVITY

Reviewer for the Polish National Agency for Academic Exchange. In addition, reviewer for the following journals: Analysis & PDE, Annales Henri Poincaré, Calculus of Variations and PDE, Communications in Mathematical Physics, Forum of Mathematics Sigma, Forum of Mathematics Pi, Inventiones Mathematicae, Journal de l’École Polytechnique — Mathématiques, Journal de Mathématiques Pures et Appliquées, Journal of Functional Analysis, Journal of Physics A, Journal of Mathematical Physics, Letters in Mathematical Physics, Mathematical Physics Analysis and Geometry, Nonlinearity, Reports on Mathematical Physics.

External reviewer of 6 PhD theses: 3 in Poland, 2 in Italy, 1 in Switzerland.

OTHER

Member of the International Association of Mathematical Physics (IAMP) since 2014. Member of the Physical Sciences Council at the University of Warsaw (2020–2022).