

CURRICULUM VITAE

ZAKRZEWSKI Jakub, Maciej

Born on Dec., 11, 1957 in Cracow (Poland)

Married, 1 son born in 1997

E-mail : jakub.zakrzewski@uj.edu.pl

Phone: +48 12 664 4555

[Google Scholar profile](#)

[ORCID profile:0000-0003-0998-9460](#)



Postal address: Instytut Fizyki Teoretycznej, Uniwersytet Jagielloński w Krakowie, ulica profesora Stanisława Łojasiewicza 11, PL-30-348 Kraków

Web site: <http://chaos.if.uj.edu.pl/~kuba>

1976-1981 : Student of Physics, Jagiellonian University

1981 : Master of Science (physics) with distinction

1981 - 1983 Assistant, Institute of Physics, Jagiellonian University in Krakow

1983 - 1984 Graduate Studies, Polish Academy of Sciences, Warsaw

1985 PhD in physics, Institute of Physics and Institute for Theoretical Physics, Polish Academy of Sciences, Warsaw

1984 - 1986 Senior assistant, Institute of Physics, Jagiellonian University

1986 - 1990 Adiunkt (tenure-track), Institute of Physics, Jagiellonian University

1990 Habilitation in theoretical physics, Jagiellonian University

1990 -1996 Adiunkt (Associate Professor) (tenure), Institute of Physics, Jagiellonian University

1996 Professor title awarder by President of Poland

1996 - Professor of Physics, Institute of Physics, Jagiellonian University

Longer leaves of absence

1986-1988 University of Southern California, Los Angeles, 2 years post-doc with prof. H.S. Taylor, Department of Chemistry

1991/92 Laboratoire de Spectroscopie Hertzienne de l'E.N.S. Paris, stipend of French Government, 1 year

1993/1996 Laboratoire Kastler – Brossel, Universite Pierre et Marie Curie (UPMC), professor PAST Europe de l'Est, 3 times 4 months

1997 - 2018 Laboratoire Kastler – Brossel, several 1 month visits as an invited or associated professor either at UPMC or ENS.

2008/2009 Laboratoire Kastler – Brossel UPMC, visiting professor 1 year (Marie Curie COCOS funds)

Elected

1995-1998 Member of Atomic and Molecular Division Board of the European Physical Society.

2002-2003 Deputy Dean of Mathematics, Physics and Computer Science Faculty.
2011- Member of Physics Committee, Polish Academy of Sciences.
2014-2018 Member of Scientific Council of Institute of Physics, Polish Academy of Sciences, Warsaw.
2014-2017 Vice-President of International Commission for Optics.
2018- Corresponding Member of Polish Academy of Art and Sciences.

Awards

- Rector of Jagiellonian University awards for scientific excellence 1985, 1989, 1992, 2006, 2014
- Laur Jagiellonski, Jagiellonian University 1996
- Polish Ministry of Education award for scientific achievements 2001.
- Marie Skłodowska - Curie award of Polish Academy of Sciences for recent scientific achievements 2007.
- First Maria Skłodowska and Pierre Curie Polish-French Science Award of Foundation for Polish Science (FNP), the French Ministry of Higher Education, Research and Innovation (MESRI), and the French Academy of Sciences, 2019

Current Research Interests

Dynamics of complex quantum systems
Classical and Quantum Chaos
Transport and localization in disordered systems
Quantum simulators with cold atoms and ions
Attosecond physics/strong field ionisation

Scientific activity: quantitative

195+ papers available at <http://chaos.if.uj.edu.pl/~kuba>
25+ invited talks at international conferences
Supervised 11 PhD theses, plus 3 to be defended
[Publons/Research ID/ Web Of Knowledge](#) (Dec, 12, 2021): 198 papers, 4219 citations (478 in 2021), h=34

Recent grants

- Quantum insulators and conductors QUIC FET-Proact H2020 (coordinator G. Modugno, Florence) coordinator of Polish node (2015-2019).
- Many-body localization - cold atoms approach, National Science Center (Poland) 2015/19/B/ST2/01028 (2016-2019) PI.
- Periodically driven many-body systems , National Science Center (Poland) 2016/21/B/ST2/01086 (2017-2020) PI.
- Attoseconds in biology, chemistry, and physics - new experimental and theoretical approaches 2016/20/W/ST4/00314 (2016-2021) Krakow-Warsaw - coordinator on Krakow side.
- Quanteria H2020 QTFLAG: Quantum Technology For Lattice Gauge theories NCN Unisono 2017/25/Z/ST2/03029; Polish node coordinator (2018-2021).
- Many-body localization - cold atoms approach 2, National Science Center (Poland) 2019/35/B/ST2/00034 (2019-2023) PI.