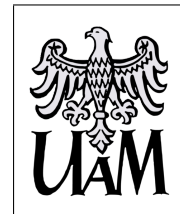# Wojciech Jerzy Gajda

curriculum vitae

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BORN IN POZNAŃ

HIGH SCHOOL: VIII LO im. Adama Mickiewicza in Poznań (1975)

MS STUDIES: Department of Mathematics, Physics and Chemistry UAM, mathematics (1975-1980)

PhD STUDIES: Department of Mathematics OSU, Columbus, USA (1986-1990)

DEGREES and TITLE:
- PhD in mathematics (1990), doktor nauk matematycznych (1991)
- doktor habilitowany nauk matematycznych (2002)
- profesor nauk matematycznych (2011).

EMPLOYMENT: full profesor, WMI UAM, Poznań, POLAND.

RESEARCH TOPICS:
- algebraic topology (homological algebra, cyclic homology and equivariant cohomologies, Adams operations, homotopy theory)
- Quillen K-groups of schemes (special elements and Euler systems, etale cohomology and Galois cohomology, Kummer-Vandiver conjecture)
- algebraic geometry and number theory (arithmetics of abelian varieties, Galois representations, Tate and Mumford-Tate conjectures).

PUBLICATIONS: over 40 including papers in mathematical journals and conference materials, algebra textbook in two parts, and 4 survey papers.
Three highest ranked (by Scopus) papers published in 2017-2022:
- DOI: 10.1515/crelle-2015-0024, J. Reine Angew. Math. 736 (2018), 69-93
- DOI: 10.1090/tran/7788, Trans. of the AMS 372 (2019), no.8, 5621-5691
- DOI: 10.5802/jtnb.1059, J. Th. Nom. Bordeaux 30 (2018), no.3, 965-977.

PhD and MS STUDENTS:
- academic advisor in 4 completed PhD procedures in mathematics: K.Górnisiewicz (2006), B.Bzdęga (2012), B.Naskręcki (2014) and J.Garnek (2020)
- academic advisor of over 30 MS and BSc students in mathematics and computer sciences (on topics in algebraic number theory, elliptic curves, algebraic geometry, combinatorics and topology).

LONGER VISITING POSITIONS:
- Ohio State University, USA (postdocs 1990-1991, 2001-2002)
- University in Bielefeld (postdocs of DAAD, SFB 343 - 2 years between 1992 and 1998)
- Max-Planck-Institut für Mathematik, Bonn (1997, 2003 i 2010 - 2 years)
- Northwestern University, Evanston, USA (2002 - 2 semesters)
- Alexander von Humboldt scholarship (2 years from 1997 on) at universities in Bielefeld, Duisburg-Essen and in Heidelberg.

SHORTER RESEARCH VISITS (for at least a month): Ohio State University, Columbus USA (post-doc position 1990-1991), University in Bielefeld (postdoc 1992-1993), Northwestern University, USA (2002), University in Duisburg-Essen (2006), University in Heidelberg (2011, 2012, 2013), University in Lausanne (1997, 2004), University in Neubiberg-Monachium (2011), University in Paris (2019, 2022) and research centres: MPI in Bonn (1997, 2003, 2007, 2010 i 2013), Centre de Recerca Matematica in Bellaterra (2002, 2004, 2008, 2010), I.H.E.S. in Bures-sur-Yvette (2006), Isaac Newton Institute in Cambridge (2002), International Centre for Theoretical Physics in Triest (1999), Institut Henri Poincare in Paris (1997).

CONFERENCE LECTURES: over 70 lectures during international conferences including 15 plenary talks and 20 invited talks (among others in: Cambridge, Oksford, Warwick, Bristol, Nottingham, Edinburg, Chicago, Toronto, New York, Las Cruces, Los Angeles, San Fransisco, Columbus, Ithaca, Pekin, Moscow, Budapest, Brno, Berlin, Münster, Oberwolwach, Bonn, Heidelberg, Barcelona, Madrid, Tarragona, Paris, Bordeaux, Marseille, St.-Etienne, Strasbourg, Nijmegen, Leiden, Rome, Triest, Milano, Pisa and in Tel-Aviv).

SEMINAR and COLLOQUIUM TALKS: over 50 lectures at invitation of universities and other research institutions in USA, Canada, France, Switzerland, Germany, Czech Republic, Hungary, Italy, Great Britain, Netherlands, Spain, Israel, Russia and China.

RESEARCH GRANTS:

- Grant manager: 3 consequtive projects financed in the category OPUS of National Centre for Science of Poland: 2013-2015, 2016-2018 and 2019-2023.

- Current grant: *Abelian varieties and Galois representations*, NCN OPUS 16 UMO-2018/31/B/ ST1/01474, 287 000 PLN.

- Main Excecutor of 7 grant projects financed by Komitet Badań Naukowych and Ministerstwo Nauki i Szkolnictwa Wyższego of Poland in time periods: 1994-1996, 1996-1998, 1999-2001, 2002-2004, 2004-2006, 2007-2009, 2011-2013.

- Executor in the net of grants "Diskrete Strukturen in der Mathematik" SFB 343, Bielefeld Universität: 1998-2000.

- Executor in the EU grant "Arithmetic Algebraic Geometry", MRTN-CT-2003-504917 in VI Program of European Union in the period: 2004-2008.

- Executor in research grant of Deutsche Forschungsgemeinschaft 2010-2011.

SOME of SCIENTIFIC-ORGANIZATIONAL ACTIVITIES:

- member of *Discipline Council Mathematics at WMI UAM*,

- director of the section *Algebraic and Diophantine Geometry at UAM*,

- founder and president of *Poznań Mathematics Foundation* (2013-2018).