

Zbigniew Błocki
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Curriculum Vitae

(June 2026)

Degrees/titles

- Master Degree (summa cum laude) in mathematics, Jagiellonian University, 1991;
- Ph.D. (summa cum laude), Jagiellonian University, 1995
- Habilitation (summa cum laude), Jagiellonian University, 2001
- Title of professor (awarded by the president of Poland), 2009

Scientific employment

- Jagiellonian University, Institute of Mathematics, since 1990, full professor since 2011
- Mid Sweden University, Sundsvall, Sweden, visiting professor, 12 months during 1994 – 1998
- Institute of Mathematics of the Polish Academy of Sciences, special research positions in academic years 1997/1998 and 2000/2001
- Indiana University, Bloomington, visiting professor, Fall semesters 2006 and 2013
- University of Maryland, College Park, visiting professor, academic year 2024/2025

Other longer research visits

- DAAD Scholarship, Bergische Universität, Wuppertal, Germany, 10 months, 1993
- Fulbright Fellowship (senior grant), 3 months at Indiana University in Bloomington, 6 months at the University of Michigan in Ann Arbor, 1999
- Max Planck Institute for Mathematics, Bonn, 9 months, 2001
- Max Planck Institute for Mathematics in the Sciences, Leipzig, 3 months, 2002
- Nagoya University, Japan, visiting professor, 1 month, 2006
- Institut Mittag-Leffler, Djursholm, Sweden, 1 month, 2008
- Indian Institute of Science, Bangalore, 3 weeks, 2009
- CIRM, Luminy (France), 3 weeks, 2011
- Korea Institute for Advanced Study, Seoul, 1 month, 2014
- Institut de Mathématiques de Jussieu, Paris, 1 month, 2015

Administrative positions and other professional experience

- Deputy director of the Institute of Mathematics of Jagiellonian University, 2008 – 2011
- Member of the National Science Centre (NCN) Council, 2010 – 2015
- Member of the Banach Center Scientific Council, 2010 – 2017

- Member of the Board of the Polish Mathematical Society, 2010 – 2013
- Director of the Institute of Mathematics of Jagiellonian University, 2011 – 2012
- Member of the Scientific Council of the Mathematical Institute of the Polish Academy of Sciences, 2011 – 2018 and since 2024
- Deputy chair of the Executive Organizing Committee of the 6th European Congress of Mathematics, Kraków, 2012
- Member of the Committee for Mathematics of the Polish Academy of Sciences, 2012 – 2015 and 2020 – 2023
- Member of the European Mathematical Society Ethics Committee, 2014 – 2017
- Member of the Polish delegation for the International Mathematical Union General Assembly, 2014 (Gyeong-Ju, Korea), 2018 (São Paulo) and 2026 (New York City)
- Director of the National Science Centre (NCN), 2015 – 2023
- Member of the Science Europe Governing Board, 2015 – 2021
- Head of the Center for Advanced Mathematical Research at the Jagiellonian University, 2023 – 2024 and 2025 – 2026
- Delegate for the European Mathematical Society Council in 2024 (Granada) and 2026 (Lisbon)
- Member of the Polish Academy of Sciences since 2025
- Member of the General Council for Science and Higher Education (advisory board to the Polish government), 2026
- Director of the Institute of Mathematics of the Polish Academy of Sciences since 2026

Prizes and awards

- Leja Award for students and young researchers of the Institute of Mathematics of Jagiellonian University, 1991
- Polish Minister for Education, Science and Sport Award, 2005
- Zaremba Prize of the Polish Mathematical Society, 2007
- Polish Prime Minister Prize for exceptional scientific achievement, 2009
- Jagiellonian Laurel, 2014

Editorial boards

- Banach Center Publications, 2010 – 2017
- Annales Polonici Mathematici, since 2014
- Analysis & PDE, since 2016
- Bulletin of the Polish Academy of Sciences, since 2025

Invited courses

- *The complex Monge–Ampère equation on compact Kähler manifolds*, Université Paul Sabatier, Toulouse, January 2005
- *Some applications of the Ohsawa–Takegoshi extension theorem*, University of Hong Kong, May 2007
- *The complex Monge–Ampère equation on compact Kähler manifolds*, Fudan University, Shanghai, May 2007

- *Complex Monge–Ampère equation in Kähler geometry*, Indian Institute of Science, Bangalore, February 2009
- *Complex Monge–Ampère equation in Kähler geometry*, C.I.M.E., Cetraro, Italy, July 2011
- *Pluripotential Theory*, University of Vienna, September 2012
- *Monge–Ampère and $\bar{\partial}$* , Peking University, May 2014
- *Several complex variables*, Adam Mickiewicz University, Poznań, Fall 2014
- *Calabi–Yau theorem*, Higher School of Economics, Moscow, May 2016
- *Selected topics in several complex variables*, PhD course, University of Maryland, Spring semester 2025

Invited seminar talks

- Umeå University (Sweden, 1994, 2002), Uppsala University (1994, 1995, 1996, 1997, 2002), Stockholm University (1995), University of Illinois at Chicago (1999), University of Western Ontario (London, Canada, 1999), University of Auckland (1999), University of Wisconsin (Madison, 1999), Universität Bonn (2001), Carl von Ossietzky Universität (Oldenburg, 2001), Nagoya University (2004, 2006, 2012), Schrödinger Institute (Vienna, 2005, 2009), Université Paul Sabatier (Toulouse, 2005), UAM (Poznań, 2006), Syracuse University (2006, colloquium), University of Michigan (Ann Arbor, 2006, 2013), Princeton University (2006), Institut Fourier (Grenoble, 2007), University of Rome II - Tor Vergata (2007), University of Hong Kong (2007), Fudan University (Shanghai, 2007), Tongji University (Shanghai, 2007, 2014), National University of Uzbekistan (Tashkent, 2008), Institute of Mathematics of Chinese Academy of Sciences (Beijing, 2008, colloquium), University of California, Irvine (2008), Columbia University (2008, 2010, 2013, 2025), Harvard University (2009), University of Iceland (Reykjavik, 2010), University of Ljubljana (2010), University of Tel Aviv (2011), Uniwersytet Gdański (2012), Universität Wien (2012), Norwegian University of Science and Technology (Trondheim, 2012), University of Toledo (2013, colloquium), Purdue University (2013, colloquium), Northwestern University (2013), University of Maryland (2013, 2025, colloquium), Institut de mathématiques de Jussieu (Paris, 2014), Australian National University (Canberra, 2014), University of Adelaide (2014), Istanbul Analysis Seminar (2014, 2015), Peking University (2014), Uniwersytet Wrocławski (2015, Harmonic Analysis Seminar, special session together with Elias M. Stein), Chalmers University (Göteborg, 2017), Indiana University (Bloomington, 2025), National Security Agency (Fort Meade, 2025), University of Amsterdam, 2025

Invited conference talks

- *Real Methods in Complex Analysis*, Oberwolfach, 23.02-1.03.2003
- *7th Nordic Complex Analysis Meeting (NORDAN)*, Visby (Sweden), 23-25.05.2003
- *Monge–Ampère Type Equations and Applications*, Banff (Canada), 2-7.08.2003
- *International Conference on Complex Analysis in Several Variables*, Sundsvall (Sweden), 21-24.06.2004
- *First International Conference on Several Complex Variables and Complex Geometry*, Beijing, 23-27.08.2004
- *International Workshop on Potential Theory*, Matsue (Japan), 23-28.08.2004
- *Pluripotential Theory and its Applications*, Banff (Canada), 4-9.09.2004
- *Real Analytic and Complex Analytic Methods in Functional Analysis*, Istanbul, 20-24.09.2004

- *Kiselmanfest: An International Symposium in Complex Analysis and Digital Geometry*, Uppsala, 15-18.05.2006
- *Complex Analysis and Geometry*, Levico Terme (Italy), 28.05-1.06.2007
- *Functional Analysis and Complex Analysis*, Istanbul, 17-21.09.2007
- *2nd Forum of Polish Mathematicians*, Częstochowa, 1-4.07.2008
- *Perspectives in Geometric Analysis*, Beijing, 27-31.10.2008
- *Conference on Geometry in honor of Shing-Tung Yau*, Warszawa, 6-8.04.2009
- *Complex Analysis and Complex Geometry*, Banff (Canada) 31.05-5.06.2009
- *14th Nordic Complex Analysis Meeting (NORDAN)*, Göteborg, 7-9.05.2010
- *Tambara Workshop on the Bergman Kernel and Related Topics*, Tambara Institute of Mathematics, University of Tokyo, Numata, Gumma, 24-28.10.2011
- *Scientific session in honour of Friedrich Hirzebruch on the occasion of his 85th birthday*, Warszawa, 18.05.2012
- *Hayama Symposium on Several Complex Variables*, Hayama (Japan), 21-24.07.2012
- *Complex Geometry and Partial Differential Equations* in honor of D.H. Phong on the occasion of his 60th birthday, Columbia University, New York City, 7-11.05.2013
- *Abel Symposium*, Trondheim, 2-5.07.2013
- *Geometric Invariance and Nonlinear Partial Differential Equations*, Australian National University, Kioloa (Australia), 9-14.02.2014
- *TSIMF Symposium on Complex Analysis and Complex Dynamics*, Tsinghua Sanya International Mathematics Forum, Sanya (China), 12-16.05.2014
- *9th Pacific Rim Conference on Complex Geometry*, Gunsan (Korea), 27.07-1.08.2014
- *10th Korean Conference in Several Complex Variables*, Gyeong-Ju, 7-11.08.2014
- *German-Polish Mathematical Meeting*, Poznań, 17-20.09.2014 (plenary talk)
- *Taipei Conference on Complex Geometry*, Institute of Mathematics, Academia Sinica, Taipei, 19-23.12.2015
- *Workshop on L^2 Extension Theorems*, University of Tokyo, 15-18.02.2016
- *Complex Geometry and the Cauchy-Riemann Equation*, 70th birthday of J.-E. Fornæss, Centre for Advanced Study, Oslo, 22-26.08.2016
- *Complex Geometry, Dynamical Systems and Foliation Theory*, National University of Singapore, 1-29.05.2017
- *Complex Geometry and PDEs*, American University of Beirut, 22-26.05.2017
- *Geometric and Nonlinear Partial Differential Equations*, Murramarang Beachfront Resort, Australia, 5-9.02.2018
- *Complex Analysis and Related Topics*, Euler International Mathematical Institute, Sankt Petersburg, 23-27.04.2018
- *International Conference on Complex Analysis dedicated to the memory of Andrei Gonchar and Anatoliy Vitushkin*, Moscow (online), 5-6.10.2020
- *Geometric Methods of Complex Analysis*, Oberwolfach, Germany (online), 16-22.05.2021
- *Hayama Symposium on Complex Analysis in Several Variables XXIII*, dedicated to the 100th anniversary of the creation of the Bergman kernel, Hayama, Tokyo, 23-28.07.2022
- *Convex and Complex: Perspectives on Positivity in Geometry*, in honour of Bo Berndtsson's 70th birthday, Cetraro (Cosenza, Italy), 31.10-4.11.2022
- *Complex Analysis and Geometry: celebrating the 70+1th birthday of Laszlo Lempert*, Budapest, 26-30.06.2023
- *Complex Analysis, Geometry and Dynamics*, Portorož 2024, Slovenia, 10-14.06.2024
- *Conference on Constructive Approximation of Functions 4*, in honour of Professor Wiesław Pleśniak's 80th birthday, Warszawa, 25-28.06.2024

- *Recent developments in complex geometry*, Będlewo, 27-31.07.2026
- *Complex Analysis and Complex Geometry in honor of Sergey Ivashkovich*, Lille, 2-3.11.2026

Organization of conferences

- *Workshop on Pluripotential Theory*, Centrum Banacha, Warszawa, luty 1997 (together with S. Kołodziej and J. Siciaki)
- *Conference on Complex Analysis in honor of Józef Siciak's 70th birthday*, Bielsko-Biała, 3-7.09.2001
- *International Summer School in Several Complex Variables*, Szczyrk, 19-23.06.2006
- *Session Complex Analysis and Operator Theory*, part of PTM-AMS Joint Meeting, Warszawa, 31.07-3.08.2007 (together with Z. Čučković and M. Ptak)
- *Complex Monge-Ampère Equation*, Banff (Canada), 18-23.10.2009 (together with P. Guan and D. Phong)
- *Conference on Several Complex Variables on the occasion of Professor Józef Siciak's 80th birthday*, Kraków, 4-8.07.2011
- *Session Complex Analysis and PDEs*, part of Israeli-Polish Mathematical Meeting, Łódź, 11-15.09.2011 (together with S. Zelditch)
- *6th European Congress of Mathematics*, Kraków, 2-7.07.2012 (vice-chair of the Executive Organizing Committee)
- *The complex Monge-Ampère equation*, American Institute of Mathematics, San Jose, 15-19.08.2016 (together with M. Păun and V. Tosatti)

Grants (1 euro \approx 4.3 PLN)

- PI of KBN grant no. 2 P03A 02819 titled *Regularity of the Complex Monge-Ampère Operator and Completeness of the Bergman Metric*, 2000 – 2003, 97 500 PLN
- PI of PhD grant of Polish Ministry of Science and Higher Education no. N 201 039 31/3342 titled *Regularity of Solutions to the Complex Monge-Ampère Equation*, 2006 – 2007, 27 000 PLN
- PI of PhD grant of Polish Ministry of Science and Higher Education no. N201 271235 titled *Applications of the Ohsawa-Takegoshi Theorem*, 2008 – 2010, 30 000 PLN
- PI of the grant no. N201 268335 of Polish Ministry of Science and Higher Education titled *Regularity of the Complex Monge-Ampère Equation*, 2008 – 2010, 85 250 PLN
- Coordinator of the International PhD Programme of Foundation for Polish Science titled *Geometry and Topology in Physical Models*, 2010 – 2015, 4 578 100 PLN
- PI of the *Ideas Plus* grant of Polish Ministry of Science and Higher Education titled *Pluripotential Theory and $\bar{\partial}$* , 2014 – 2019, 1 325 300 PLN (obtained thanks to the ERC Advanced Grant application rated A in both stages of evaluation)
- PI of NCN OPUS grant *PDEs in complex and convex analysis and geometry*, 2024 – 2028, 802 000 PLN