

Curriculum vitae

Igor Walukiewicz

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PERSONAL DATA

Born 5 March 1968
Citizenship Polish
Languages Polish, English, French, Russian

EDUCATION

2003 Habilitation in Computer Science,
Bordeaux University

2001 Habilitation with Honours in Mathematical Sciences,
Warsaw University

1994 PhD with Honours in Computer Science,
Warsaw University

1991 Masters Degree with Honours in Computer Science,
Warsaw University

ACADEMIC EMPLOYMENT

2013 – present Directeur de recherche 1 CNRS, LaBRI, Bordeaux
University

2006 – 2013 Directeur de recherche 2 CNRS, LaBRI, Bordeaux
University 1

2001 – 2006 CR1 CNRS, LaBRI, Bordeaux University 1

1996 – 2001 Lecturer at Warsaw University

1994 – 1996 Post-doc at BRICS, Aarhus University

1991 – 1996 Teaching assistant at Warsaw University

HONOURS

- Test of time award, CONCUR 2021. For the paper "On the Expressive Completeness of the Propositional μ -Calculus with respect to Monadic Second Order Logic" with David Janin.
- Test of time award, LICS 2015. For the paper "Completeness of Kozen's axiomatisation of the propositional μ -calculus".
- Bronze medal of CNRS in 2003.
- Stipend for young scientist awarded in 1998 by Foundation for Polish Science.
- 1-st award for Polish MSc. thesis in computer science in 1991 given by Polish Informatics Society.

COLLECTIVE DUTIES

- Member of Comité National de la Recherche Scientifique (2016-2021).
- Head of the group "Logiques, graphes et langages" (LGL) of LaBRI. September 2013 till June 2016.
- Head of the group "Modélisation, Vérification et Test de Systèmes Informatisés" (MVTsi) of LaBRI. Since September 2005 till January 2012.
- Head of the team "Methodes Formelles" of LaBRI. Since January 2007 till October 2010.

OTHER

- Editor of Fundamenta Informaticae.
<http://fi.mimuw.edu.pl/index.php/FI>
- Member of the Prize Board of Witold Lipski Prize.
<http://nagrodalipskiego.mimuw.edu.pl/prize.html>
- Member of the Church Award Committee.
<https://eatcs.org/index.php/church-award>

CONFERENCES (STEERING COMMITTEES AND PC CHAIRS)

- LICS'23. PC Chair.
- HIGHLIGHTS (Highlights of Logic, Games and Automata), Steering committee member (since 2018)

- HIGHLIGHTS'17 (Highlights of Logic, Games and Automata) (London, UK). PC Chair.
- FOSSACS (Foundations of Software Science and Computation Structures). Steering committee member (since 2011-2017), and chair (2015-2017).
- FICS, Fixpoints in Computer Science. Steering committee member (since 2009).
- FCT'15 (20th International Symposium on Fundamentals of Computation Theory). PC Chair.
- ICALP'08 (35th International Colloquium on Automata, Languages and Programming) Track B, (Reykjavik, Iceland 2008). PC Chair.
- ETAPS, European Joint Conferences on Theory and Practice of Software; member of the steering committee from 2003 to 2005.
- FoSSACS'04, Foundations of Software Science and Computation Structures (Barcelona, Spain, 2004); PC Chair.
- FICS'03, Fixpoints in Computer Science workshop (Warsaw, Poland, 2003). Co-chair with Zoltan Esik.

SUMMER SCHOOLS AND LECTURE SERIES

- Summer school, LIPA, (Warsaw, Poland, June 2018), 6 hours.
- Winter GAMES School, (Champéry, Switzerland, February 2013) 3 hours.
- "Open Lectures for PhD Students in Computer Science" (Warsaw, Poland, September 2006), 6 hours.
- MOVEP'06 (MOdélisation et Vérification des Processus parallèles) (Bordeaux, June 2006); 2.5 hours of lectures.
- 34th Spring School in Theoretical Computer Science (Ile de Ré, May 2006); 3 hours of lectures.
- Finite and Algorithmic Model Theory Workshop, Isaac Newton Institute Satellite Workshop (Durham, UK, January 2006); 2 hours of lectures.
- Spring School on Infinite Games and Their Applications (Bonn, Germany, March 2005); 2 hours of lectures.
- 32nd Spring School in Theoretical Computer Science (Marseille, April 2004); 4 hours of lectures.
- Lecture series, National Institute of Advanced Industrial Studies and Technology (Amagasaki, Japan, 2003); 4 hours of lectures.
- Mini-course, Warsaw University, (2003); 8 hours of lectures.

- Lecture series, LSV Cachan (2002), 6 hours of lectures.
- MOVEP 2002, Modelling and Verifying parallel Processes (Nantes, France 2002) ; 1 hour lecture.
- Mini-course, BRICS, Aarhus University, (2002) ; 8 hours of lectures.
- EEF 01, European Education Forum, Summer School on Logical Methods (Aarhus, Denmark, 2001) ; 6 hours of lectures.

INVITED LECTURES

- FIT'2019, special session on Game Theory in Computer Science, (Krakow, Poland, September 2019) <https://fit.tcs.uj.edu.pl/>
- SOFSEM 2017, International Conference on Current Trends in Theory and Practice of Computer Science (Lero – Limerick, Ireland, January 2017) <http://www.sofsem.cz/sofsem17/>
- VPT 2016, Verification and Program Transformation (Eindhoven, The Netherlands, April 2016) <http://refal.botik.ru/vpt/vpt2016/>
- Highlights 2014, Highlights of logic, games, and automata (Paris, France, September 2014) <http://highlights-conference.org/>
- CSR 2014, International Computer Science Symposium in Russia, (Moscow, Russia, June 2014) <https://logic.pdmi.ras.ru/csr2014/>
- MFCS 2012, 40th conference on Mathematical Foundations of Computer Science, (Bratislava, Slovakia, August 2012)
- RP 2012, 6th International Workshop on Reachability Problems (Bordeaux, France, September 2012)
- On the Posterity of Büchi (Logic and Automata) Swiss Society for Logic and Philosophy Annual Meeting (Lausanne, March 2011)
- Highlights of AutoMathA 2010 conference of the programme ESF AutoMathA (Wien, November 2010)
- ATVA 2010, Symposium on Automated Technology for Verification and Analysis (Singapore, September 2010)
- AutoMathA 2009, Conference of the AutoMathA programme (Liege, Belgium, June 2009)
- Journée «Théorie des Jeux et Informatique» (Paris, France, February 2009)
- Workshop on Perspectives in Concurrency Theory. On the occasion of P. S. Thiagarajan's 60th birthday (Chennai, India, December 2008)
- Journées Montoises d'Informatique Théorique. 12èmes Journées

- Montoises d'Informatique Théorique (Mons, Belgium, August 2008)
- FoSSaCS 2008, Foundations of Software Science and Computation Structures (Budapest, Hungary, March 2008)
- Modal Fixpoint Logics. Workshop on modal fixpoint logics (Amsterdam, The Netherlands, March 2008)
- Automata and Logic : History and Perspectives. Workshop on the occasion of Wolfgang Thomas's 60th birthday (Aachen, Germany, December 2007)
- KNAW Academy Colloquium, New perspectives on Games and Interaction (Amsterdam, The Netherlands, February 2007)
- AMIL 2006, Advances in Modal Logic (Queensland, Australia, September 2006)
- IFIP 2.2 Conference (Udine Italy, September 2006)
- FSTTCS 2005, Conference on Foundations of Software Technology and Theoretical Computer Science (Hyderabad, India, December 2005)
- Perspectives in verification, workshop in honour of Prof. Dr. Wolfgang Thomas (RWTH Aachen) on the occasion of his doctorate Honoris Causa, (LSV Cachan, November 2005).
- XV Congress of Polish Mathematicians (Wroclaw, Poland, September 2005)
- LPAR 2005, International Conference on Logic for Programming, Artificial Intelligence, and Reasoning (Montevideo, Uruguay, March 2005)
- LICS 2004, IEEE Symposium on Logic in Computer Science (Turku, Finland, July 2004).
- CSL 2003 Computer Science Logic (Vienna, Austria, August 2003).
- 12th. International Congress of Logic Methodology and Philosophy of Science (Oviedo, Spain, August 2003).
- AMAST 2002, International Conference on Algebraic Methodology And Software Technology (La Réunion, France 2002).
- EXPRESS 2002, Workshop on Expressiveness in Concurrency (Brno, Czech Republic, 2002).
- WoLLIC 2002, Workshop on Logic, Language, Information and Computation (Rio de Janeiro, Brazil 2002).
- CFM 2002, Workshop Complexity, Finite Models and Databases, (Arcachon, France 2002).
- Workshop GDR Algorithmique, Langage et Programmation (Paris, France, 2002).
- Automata and Finite Model Theory Workshop (Helsinki, Finland 2001).

- Alfred Tarski Centenary Conference (Warsaw, Poland, 2001).
- Workshop of IFIP TC 2 Working Group “Formal Description of Programming Concepts” (Oldenburg, Germany, September 2000.)
- “Logic and Algebra in Concurrency” workshop (Dresden, Germany, 2000).
- FICS 00, Fixpoints in Computer Science workshop (Paris, France, 2000).
- “Inference and Deduction” workshop (Muenchenwiler, Switzerland, 1999).
- Journees Montoises workshop (Mons, Belgium, 1998).
- “Traces and logic for systems with concurrency” workshop, (Dresden, Germany 1997).
- CSL’97, Computer Science Logic (Aarhus, Denmark, 1997), tutorial.
- Rabin Colloquium organised to honour awarding M.O. Rabin a Doctor Honoris Causa degree by Bordeaux University (1996).

PROGRAM COMMITTEES

- FSTTCS 2022 (Madras, India)
- LICS 2020 (Beijing, China)
- MFCS 2019 (Aachen, Germany)
- CSR 2019 (Novosibirsk, Russia)
- ICALP 2018 (Prague, Czech Republic)
- SOFSEM 2018 (Krems an der Donau, Austria)
- CONCUR 2017 (Berlin, Germany)
- Logic Colloquium 2017 (Stockholm, Sweden)
- RP 2016, (Aalborg, Denmark)
- AutoMathA 2015, (Leipzig, Germany)
- ICTAC 2015, (Cali, Colombia)
- SR 2015, (Oxford, UK)
- CSL/LICS 2014, (Vienna, Austria)
- TCS 2014, IFIP Theoretical Computer Science (Rome, Italy)
- SOFSEM’13, (Spindleruv Mlyn, Czech Republic)
- TCS 2012, IFIP Theoretical Computer Science (Amsterdam, Holland)
- ICALP 2012, International Colloquium on Automata, Languages and Programming (Warwick, UK)
- STACS 2012, International Symposium on Theoretical Aspects of Computer Science (Paris, France).

- LICS 2011, IEEE Symposium on Logic in Computer Science (Toronto, Canada, June 2011)
- CSR 2011 International Computer Science Symposium in Russia (St. Petersburg, Russia, June 2011)
- FOSSACS'11 Foundations of Software Science and Computation Structures (Saarbrücken, Germany)
- AMIL'10 Advances in Modal Logic (Moscow, Russia)
- FCT'09 Symposium on Fundamentals of Computation Theory (Wrocław, Poland)
- SOFSEM'09 International Conference on Current Trends in Theory and Practice of Computer Science (Spindleruv Mlýn, Czech Republic)
- ICALP'08 International Colloquium on Automata, Languages and Programming (Reykjavik, Iceland)
- CSL'07 Computer Science Logic (Lausanne, Switzerland)
- LICS'07 IEEE Symposium on Logic in Computer Science (Wrocław, Poland)
- MFCS 06 International Symposium on Mathematical Foundations of Computer Science (Bratislava, Slovak Republic)
- ICALP 06 International Colloquium on Automata, Languages and Programming (Venice, Italy)
- FOSSACS 06, Foundations of Software Science and Computation Structures (Lisbon, Portugal)
- CONCUR 05, International Conference on Concurrency Theory (San Francisco, USA)
- INFINITY 05, International Workshop on Verification of Infinite-State Systems (San Francisco, USA)
- LICS 05, IEEE Symposium on Logic in Computer Science (Chicago, USA)
- LCC 05, Logic and Computational Complexity workshop (Chicago, USA)
- GDV 04, Games in Design and Verification (Boston, USA, July 2004)
Workshop co-located with CAV 2004
- WoLLIC 04, Workshop on Logic, Language, Information and Computation (Paris, France, July 2004)
- ICALP 04, International Colloquium on Automata, Languages and Programming (Turku, Finland)
- EXPRESS 03, Workshop on Expressiveness in Concurrency (Marseille, France)
- MFCS 03, International Symposium on Mathematical Foundations

- of Computer Science (Bratislava, Slovak Republic)
- FOSSACS 03, Foundations of Software Science and Computation Structures (Warsaw, Poland)
- FSTTCS 02, Foundations of Software Technology and Theoretical Computer Science (Kanpur, India)
- CONCUR 02, International Conference on Concurrency Theory (Brno, Czech Republic)
- CADE 02, Conference on Automated Deduction (Copenhagen, Denmark)
- CONCUR 01, International Conference on Concurrency Theory (Aalborg, Denmark)
- MFCS 01, International Symposium on Mathematical Foundations of Computer Science (Marianske Lazne, Czech Republic)
- FOSSACS 01, Foundations of Software Science and Computation Structures (Genova, Italy)
- EXPRESS 00, Workshop on Expressiveness in Concurrency (Pennsylvania, Etats-Unis)
- MFCS 00, International Symposium on Mathematical Foundations of Computer Science (Bratislava, Slovaquie)
- LICS 00, IEEE Symposium on Logic in Computer Science (Santa Barbara, Etats-Unis)
- STACS 00, International Symposium on Theoretical Aspects of Computer Science (Lille, France).
- ICALP 99, International Colloquium on Automata, Languages and Programming (Prague, République Tchèque).
- CSL 97, Computer Science Logic (Aarhus, Danemark).

PHD STUDENTS

- Corto Mascle, 2021– 50% supervision (Anca Muscholl)
- Sarah Larroze-Jardine, 2021– 50% supervision (Frederic Herbreteau)
- Antonio Casares Santos, 2020– , 30% supervision (Thomas Colcombet, Nathanël Fijalkow)
- Adrien Prevost, 2018– , 50% supervision (Gregoire Sutre)
- Govind R., 2017–2021 , 50% supervision (Frederic Herbreteau)
- Tran Thanh Tung, 2013-2016, 50% supervision (Frederic Herbreteau)
- Michal Skrzypczak, 2011-2014, 50% supervision (Mikolaj Bojanc-

- zyk). EATCS Distinguished Dissertation Award for PhD thesis, and E. W. Beth Dissertation Prize for PhD thesis.
- Fares Chucri, 2008-2012, 30% supervision (Alain Griffault, Gregoire Sutre).
 - Srivathsan B., 2009-2012, 50% supervision (Frederic Herbreteau).
 - Alessandro Facchini, 2007-2010, co-tutelle Université de Lausanne, Jacques Duparc
 - Omer Landry Nguena Timo, 2003-2009, Bordeaux University.
 - The Quang Tran 2004-2009, Bordeaux University 30% supervision (together with Frederic Herbreteau and GregoireSutre) juin 2009
 - Xavier Briand, 2002 to 2006, Bordeaux University. 50% supervision (together with Andre Arnold).
 - Mikolaj Bojanczyk, 2000 to 2004. Warsaw University 100% supervision.

PHD AND HABILITATION JURYS

- Lê Thành Dũng Nguyễn (Thèse), Université Sorbonne Paris Nord, 2021 (rapporteur)
- Damien Busatto-Gaston (Thèse), Aix-Marseille Université, 2019 (rapporteur)
- Amina Doumane (Thèse), Université Paris Diderot (Paris 7), 2017 (rapporteur)
- Damien Pous (Habilitation), ENS Lyon, 2016
- Facundo Carreiro (Thèse), Amsterdam University, 2015 (rapporteur)
- Saeid Alirezazadeh (Thèse), Universidade do Proto, 2015 (rapporteur)
- Krishnendu Chatterjee (Tenure Dossier), IST Austria, 2014 (rapporteur)
- Thomas Colcombet (Habilitation), LIAFA, 2014 (rapporteur)
- Antoine Durand-Gasselín (Thèse), LIAFA, 2013 (membre de jury)
- Naoki Kobayashi (Tenure Dossier), Tokyo University, 2013, (rapporteur)
- Axel Haddad (Thèse), LIAFA, 2013 (rapporteur)
- Thomas Brazdil (Habilitation), Masaryk University, Brno, 2012 (rapporteur)
- Denis Kuppenberg (Thèse), LIAFA, 2012 (rapporteur)
- Laurent Doyen (Habilitation), ENS Cachan, 2012 (rapporteur)
- Thomas Place (Thèse), ENS Cachan, 2010 (membre de jury)

- Camille Vacher (Thèse), ENS Cachan, 2010 (rapporteur)
- Gaëlle Fontaine (Thèse), Amsterdam University, 2010 (membre de jury)
- Christof Loeding, (Habilitation) RTW Aachen, 2009 (rapporteur)
- Tomasz Jurdzinski (Habilitation) Wroclaw University, 2009 (rapporteur)
- Nathalie Sznajder (Thèse) ENS Cachan, 2009 (rapporteur)
- Luigi Santocanale (Habilitation) LIF, 2008 (rapporteur)
- Walid Belkhir (Thèse), LIF, 2008 (rapporteur)
- Stephane Demri (Habilitation) ENS Cachan, 2007 (rapporteur)
- Nathalie Bertrand (Thèse), ENS Cachan, 2006 (rapporteur)
- Arnaud Carayol (Thèse), IRISA, Rennes, 2006 (rapporteur)
- Hugo Gimbert (Thèse), LIAFA, 2006 (rapporteur)
- Sylvain Lombardy (Habilitation), LIAFA Paris, 2005 (rapporteur)
- François Laroussinie (Habilitation) ENS Cachan, 2005 (rapporteur)
- Benjamin Lerman (thèse), LIAFA, 2005 (rapporteur)
- Dietmar Berwanger (Thèse), RWTH Aachen, Germany, 2005 (rapporteur).
- Jan Strejcek (Thèse) Masaryk University, Brno, Czech Republic, 2005 (rapporteur).
- Benjamin Lerman (Thèse), LIAFA, 2005 (rapporteur)
- Thierry Cachat (Thèse), IRISA Rennes, 2005 (rapporteur)
- Jean-Michel Couvreur (Habilitation) ENS Cachan, 2004, (rapporteur).
- Blaise Genest (Thèse), LIAFA, 2004 (rapporteur).
- Olivier Serre (Thèse), LIAFA, 2004 (membre de jury)

ORGANIZATION OF CONFERENCES

- [HoMC 2016](#), Shonan Meeting on Higher-Order Model Checking (Shonan Village, Japan, March 2016)
- [TCQV 2016](#), Mysore Workshop on Trends and Challenges in Quantitative Verification (Mysuru, India, February 2016)
- Workshop Abstraction and verification in semantics. A part of IHP semester on Semantics of proofs and certified mathematics (Paris, France, June 2014)
- GAMES-EPIT Spring School 2011 38th School in the series of "Ecole de Printemps d'Informatique Théorique" (Carcans-Maubisson, France, May 2011)

- Dagstuhl seminar [Game Semantics and Program Verification](#), 2010
- GAMES 04, annual meeting of GAMES Research Training Network (Bordeaux, France)
- CFM 02, Complexité, Modèles Finis et Bases de Données, CMF 2002 (Arcachon, France)
- CSL 94, Computer Science Logic, (Kazimierz Dolny, Pologne)

LONG TERM VISITS

- One year at Technical University of Munich (TUM), Germany (2015/2016)
- One month at IREMA, Université de la Réunion, France (June 04).
- One month at Warsaw University, Poland (April 03).
- Three weeks at National Institute of Advanced Industrial Science and Technology, Amagasaki, Japan (October 02).
- One month at BRICS, Aarhus, Denmark (April 02),
- Five months at PhD School, Aarhus University, Denmark (September 00 – January 01).
- Five months at PhD School, Aarhus University, Denmark (September 99 – January 00).
- One month at LaBRI, Bordeaux University, France (June 99).
- One month at LIAFA, Paris 7, France (May/June 98).
- One month at BRICS, Aarhus University, Denmark (March/April 98).
- One month at BRICS, Aarhus University, Denmark (August 97).
- One month at DIMACS, Rutgers University, USA (March 1996).
- One month at LaBRI, Bordeaux University, France (July 95).
- Nine months at LFCS, Edinburgh University, UK (November 90 – July 91).