Vita and Papers

Jerzy Tomasik

born June 21, 1947 in Łodygowice Poland, married, 2 children.
Personal adresse: 13, impasse des Sauvagères   63000 Clermont-Ferrand
Personal email: jerzytomasik@hotmail.com

Office Adresse

LIMOS - CNRS Centre National de Recherche Scientifique
IUT Clermont1, Campus des Cezeaux, 5, avenue Blaise Pascal
B.P.86 - 63172 AUBIERE, France
Phone: +33-(0)4 73 17 71 57
Email: jerzy.tomasik@udamail.fr
Homepage: http://j.tomasik.free.fr/
ResearchGate https://www.researchgate.net/profile/$Jerzy_Tomasik$/stats

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Education, Degrees

1965–1970	Faculty of Mathematics, University of Wrocław, Poland
1970	M.A. in Mathematics - University of Wroclaw, Poland
	M.A. Thesis: *On the number of elementary theories of sets*;
	Advisor: Bogdan Węglorz .
1978	Ph.D. in Mathematics - University of Wroclaw, Poland
	Ph.D. Thesis : *Saturated reduced products*
	Thesis Advisor: Laszek Pacholski .

Positions Held

1970–1980	Wroclaw University, Poland, Institut of Mathematics - Assistant, Adjunct
1980–1985	Wroclaw University, Poland, Institut of Computer Science - Adjunct
1985–1988	Blaise Pascal University, Clermont-Ferrand, France, Department of Mathematics - Visitor
1988	Nominated by the French government to the position Associated Professor (Maître de Conferences) in the Blaise Pascal University, Clermont-Ferrand, France
1988–2000	Blaise Pascal University, Clermont-Ferrand, France, IUT Montluçon - Associated Professor in Computer Science

1991–2005	vice-Director of the Research Laboratory LAIC - (Logic, Algorithmic and Informatics of Clermont)
1997–2007	Northeastern University, Boston, Massachusetts USA, - Co-PI of the AFOSR research program "Information Fusion" - Visiting Professor
2000–2015	Auvergne University, Clermont–Ferrand, France, IUT Clermont - Associated Professor in Applied Mathematics

PROFESSIONAL ACTIVITIES

1983–1985	head of the team Theoretical Computer Science at the Institute of Computer Science, University of Wroclaw, Poland
1997–2007	invited professor in logic in the Department Electrical and Computer Engineering, Northeastern University, Boston, Massachusetts, USA
1991–2012	researcher in the LAIC - Laboratory of Logic, Algoritmics and Informatics of Clermont, University of Auvergne, France
2012–2015	researcher in the LIMOS-CNRS Laboratory of Informatics, Modeling and Optimisation of Systems, Blaise Pascal University Clermont-Ferrand, France
2005–2015	co-animator of the Working Groupe "Integration of Data Bases" LIMOS-CNRS, Blaise Pascal University Clermont-Ferrand, France
2005–2010	co-animator of the Working Groupe "GReP" LIMOS-CNRS, Vichy, France

CONFERENCE ORGANISATION, EDITION

Creation with Denis RICHARD in 1990 and co-animation for 25 years of the international conference **JAF - Journées sur les Arithmétiques Faibles**. - Weak Arithmetics Days http://www.lacl.fr/jaf/

Member of the Organizing Committee of the **European Summer Meeting of the Association of Symbolic Logic, Wroclaw 1977**

Member of the Organizing Committee of the **Logic Colloquium'77**, Wroclaw 1977

Member of the Program and Organizing Committees of the **Logic Colloquium'94**,Clermont-Ferrand 1994

Editor of Actes du Logic Colloquium'94

Publications Chair for the 11-th Symposium on Theoretical Aspects of Computer Science, STACS'94, 1994

Member of the European Association for Theoretical Computer Science, EATCS

Vice-President of l'Association Promotion Scientifique de la Logique et de l'Informatique Theoretique - PROLIFT

PhD thesis Co-direction, Reports

1991	Co-direction with Marcel Guillaume of the PhD Frédérique CARRERE)"Sur la puissance de la synchronisation bornée" Blaise Pascal University, Clermont-Ferrand, France. Thesis published in Theoretical Computer Science, Volume 161, Issues 1Ű2, 15 July 1996, Pages 23-68
1994	Member uf the PhD jury of Malika MORE "Définissabilité dans les Graphes Finis et en Arithmétique Bornée", Auvergne University, France
1996	Reporter of the PhD Thesis Zbig KORONA "Model Theory Based Feature Selection for Multisensor Recognition", Northeastern University, Boston, Massachusetts, USA
	Member of the PhD jury of Marie-Ange LEGERET "Algèbre des Démonstrations en Grammaires Catégorielles" Auvergne University, France
2006	Co-direction with Mitch KOKAR of Ph.D (still in preparation), Kyriakos ZAVOLEAS "FUSIST: Fusion Software Interactive Specification Toole", Northeastern University, Boston, Massachusetts, USA
2015	Co-direction with Farouk TOUMANI of Ph.D (in preparation), Belghoul ABDESLEM "Query optumisation of Big Data interation systems", LIMOS-CNRS, France

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INVITATIONS, CONFERENCES

2015	- invited speaker on JAF'34 – "On Los synthesis of theories of finite models", New York, USA 7-9 July
	- chairman of the International Conference "TAIM4DSBD" Warsaw, Poland, 22-23 Avril
2013	- "On Los synthesis theories" Conference International UNILOG'2013, Rio de Janeiro, Brasil 3-7 Avril
	- "Ultrasynthesis theories" NICST'2013 – Colloque Internationale Franco-Chinois, 18-20 September, Clermont-Ferrand, France

2011	- expert lectures invited by European Commission "Mathematical Tools for Signal Processing and Information Fusion" in UKSW Warsam (Pologne)
2005	- Chairman and speaker of the Section Dynamic Knowledge Intesive Domains - " International Conference KIMAS'2005" IEEE Boston , Waltham MA (USA), 18-21 april,
	- "Synthesis theories of finite structures of arithmetics" international conference JAF24 - Journées sur les Arithmétiques Faibles 26-27 May, Fontainebleau, France,
2004–2005	- October 2004 - May 2005, Paris THALES Research and Technology - series of meetings in the European Research Projects: MERYT - Multi-Channel Information Synergy Technologies and SUSANE - "Surveillance Automatisée de la Santé d'une Entreprise"
2003	International Conference JIM'2003 - " Category localization - a semantics for specification refinements", 3-6 September , Metz, France
2002	- Master Classes in Information Fusion, Dept Electrical and Computer Engineering ECE, Northeastern University, Boston MA, (US). June-July 2002,

LANGUAGES

Polish - native, French - near native, English - fair, Russian - fair.

BIBLIOGRAPHY

A. Revues Internationales: [13, 32, 10, 4, 3, 2, 17, 16, 20, 19, 1]

B. Proceedings de Conférences Internationales: [29, 12, 28, 31, 26, 27, 25, 30, 9, 24, 8, 6, 23, 22, 21]

C. Actes de séminaires et rapports techniques: [11, 7, 18, 5, 15, 14]

REFERENCES

[1] Patrick Cégielski, Leszek Pacholski, Denis Richard, Jerzy Tomasik, and Alex Wilkie. Preface - logic colloquium '94, 21-30 july 1994, clermont-ferrand france. *Ann. Pure Appl. Logic*, 89(1):1, 1997.

[2] J. Dudek, A. Kisielewicz, and Jerzy Tomasik. Codes of varieties. *Bulletin de l'Acad'emie Polonaise des Sciences Sciences Math'ematiques, Astronomiques et Physiques*, XXXIV(1-2):1–6, 1986.

[3] J. Dudek and Jerzy Tomasik. Affine spaces over gf(4). *Algebra Universalis*, vol.36(3):279 – 285, 1996.

[4] A. Kisielewicz and Jerzy Tomasik. Essential arities in algebras of finite type and arity trees. *Discrete Mathematics*, 248:79–91, 2002.

[5] M. Kokar and Jerzy Tomasik. Towards a formal theory of sensor data fusion. Technical Report COE-ECE-MMK- 1/94 NY, Northeastern University, Boston MA, 1994.

[6] M. Kokar and Jerzy Tomasik. A formal approach to information fusion. In *Proceedings of the International Conference on Information Fusion, FUSION'99*, volume Volume I, pages 148–153, Sunnyvale, California, July 1999. NASA, IEEE, ISIF.

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[11] M. Krynicki, Jerzy Tomasik, and Konrad Zdanowski. Finite structures of arithmetics and reduced products. Actes du LLAIC1 1/2004, LLAIC1, 2004.

[12] Michal Krynicki, Jerzy Tomasik, and Konrad Zdanowski. Logical properties of finite arithmetics. In *CLMPSŠ2011, 14th International Congress of Logic, Methodology and Philosophy of Science, Nancy*. DLMPS, 2011.

[13] Michal Krynicki, Jerzy Tomasik, and Konrad Zdanowski. Theories of initial segments of standard models of arithmetics and their complete extensions. *Theoretical Computer Science*, 412:3975–3991, 2011.

[14] M. Kutylowski and Jerzy Tomasik. Efectiveness and the complexity of some problems in algebra (in polish). Raporty Inst. Informatyki. UWR MR.I.3, X, Wroclaw University, Poland, 1994.

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