

CURRICULUM VITAE

Laurențiu Leuștean

AFFILIATION

Professor, Faculty of Mathematics and Computer Science, University of Bucharest, Romania
Senior Researcher, Simion Stoilow Institute of Mathematics of the Romanian Academy (IMAR), Bucharest, Romania

President, Institute for Logic and Data Science, Bucharest, Romania

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EDUCATION

2013:	Habilitation in Mathematics	IMAR, Bucharest, Romania
2009:	Habilitation in Mathematics	Technische Universität Darmstadt, Germany
2004:	Ph.D. in Mathematics	University of Bucharest, Romania
1997:	Master in Computer Science	University of Bucharest, Romania
1995:	B.A. in Mathematics	University of Bucharest, Romania

EMPLOYMENT

- October 2014 - present: Professor, Faculty of Mathematics and Computer Science, University of Bucharest, Romania
- October 2003 - present: Researcher/Senior Researcher, IMAR, Bucharest, Romania
- January 2016 - December 2019: Vice-Rector of the University of Bucharest and Director of ICUB (Research Institute of the University of Bucharest), Romania
- April 2004 - October 2009: Wissenschaftlicher Mitarbeiter (Assistant Professor), Department of Mathematics, Technische Universität Darmstadt, Germany
- November 1996 - September 2003: Programmer/Researcher, National Institute for Research and Development in Informatics (ICI), Bucharest, Romania

AWARDS, FELLOWSHIPS (selected)

- The 2010 Simion Stoilow Prize of the Romanian Academy (awarded in 2012)
- Oberwolfach Leibniz Fellowship, Mathematisches Forschungsinstitut Oberwolfach: October 16, 2008 - February 13, 2009 and September 14 - October 31, 2009
- Summer Student Research Program (SSRP), NASA Ames Research Center, Moffett Field, California: June 10 - August 16, 2002 and July 7 - September 14, 2003

GRANTS, RESEARCH PROJECTS(selected)

- EuroProofNet COST action CA20111), WG3 and WG4 (01.2023 -)
- *IT&C for Research*, CNFIS-FDI-2019-0186, Romania (05.2019 - 12.2019)
- *UB Research+*, CNFIS-FDI-2018-0116, Romania (05.2018 - 12.2018)
- *Proof mining in metric analysis, geometric group theory and ergodic theory*, CNCS-UEFISCDI Romania, PN-II-ID-PCE-2011-3-0383 (2011 - 2016)

SCIENTIFIC VISITS (selected)

- University of Lisbon, Portugal: May 8 - 13, 2023 and October 16 - 20, 2017
- Université Paris-Est Créteil, France: September 04 - 11, 2016
- University of Seville, Spain: April 01 - 08, 2013 and May 25 - June 14, 2010
- University of Illinois at Urbana-Champaign, USA: April 19 - May 19, 2012
- Max Planck Institute for Mathematics, Bonn, Germany: March 1 - April 15, 2007

TALKS (selected)

- Oberwolfach Workshop Mathematical Logic: Proof Theory, Constructive Mathematics, November 12 - 17, 2023; November 16 - 22, 2014; November 6 - 12, 2011; April 6 - 12, 2008; March 20 - 26, 2005
- University of Lisbon, May 12, 2023
- University of Trieste, July 9, 2018
- University of Illinois at Urbana-Champaign, May 1, 2012
- ISMP 2012, Berlin, August 19-24, 2012
- Universität Bonn, October 19, 2009
- Conference on Nonlinear Analysis and Optimization (in celebration of Alex Ioffe's 70th and Simeon Reich's 60th birthdays), Technion, Haifa, June 18-24, 2008
- Université Paul Verlaine-Metz, February 14, 2008
- Max-Planck Institute for Mathematics, Bonn, March 8 and 21, 2007
- AMS-MAA Joint Mathematics Meetings, New Orleans, January 5-8, 2007
- Gödel Centenary 2006, Vienna, April 27, 2006
- Stanford University, August 6, 2002

PUBLICATIONS (selected)

- *On modified Halpern and Tikhonov-Mann iterations* (with H. Cheval and U. Kohlenbach), *Journal of Optimization Theory and Applications*, 197:233–251, 2023
- *Rates of asymptotic regularity for the alternating Halpern-Mann iteration* (with P. Pinto), *Optimization Letters*, <https://doi.org/10.1007/s11590-023-02002-y>, 2023
- *Quadratic rates of asymptotic regularity for the Tikhonov-Mann iteration* (with H. Cheval), *Optimization Methods and Software*, 37:2225–2240, 2022
- *Quantitative results on a Halpern-type proximal point algorithm* (with P. Pinto), *Computational Optimization and Applications*, 79:101–125, 2021
- *On the removal of weak compactness arguments in proof mining* (with F. Ferreira and P. Pinto), *Advances in Mathematics* 354:106728, 2019
- *An abstract proximal point algorithm* (with A. Nicolae and A. Sipoş), *Journal of Global Optimization* 72:553–577, 2018
- *Quantitative results on Fejér monotone sequences* (with U. Kohlenbach and A. Nicolae), *Communications in Contemporary Mathematics* 20:1750015, 2018
- *Firmly nonexpansive mappings in classes of geodesic spaces* (with D. Ariza-Ruiz and G. López-Acedo), *Transactions of the American Mathematical Society* 366:4299–4322, 2014
- *Effective metastability of Halpern iterates in $CAT(0)$ spaces* (with U. Kohlenbach), *Advances in Mathematics*, 231:2526–2556, 2012
- *Nonexpansive iterations in uniformly convex W -hyperbolic spaces*, in: A. Leizarowitz, B. S. Mordukhovich, I. Shafrir, A. Zaslavski (Eds.), *Nonlinear Analysis and Optimization I: Nonlinear Analysis*, pages 193–209, AMS, 2010
- *Asymptotically nonexpansive mappings in uniformly convex hyperbolic spaces* (with U. Kohlenbach), *Journal of the European Mathematical Society* 12:71–92, 2010
- *A quadratic rate of asymptotic regularity in $CAT(0)$ -spaces*, *Journal of Mathematical Analysis and Applications* 325:386-399, 2007