

ACTIVITATE ȘTIINȚIFICĂ A CONDUCĂTORILOR DE DOCTORAT DIN DOMENIUL MATEMATICĂ, ȘCOALA DOCTORALĂ DE ȘTIINȚE APPLICATE

A. Listă lucrări publicate de conducătorii de doctorat din SDSA în perioada 2021-2025, începând cu data afilierii acestora în SDSA, vizibile în baza de date Web of Science la 1 februarie 2026

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- **S. Treanță**, Advances in Optimization and Nonlinear Analysis, *Fractal Frac.*, 6, 2022, 363, WOS:000831869000001
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- **S. Treanță**, On a class of interval-valued optimization problems, *Continuum Mech. Thermodyn.*, 34, 2022, 617–626, WOS:000750352200001
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- Z. Yao, **M. Postolache**, Algorithmic approach to the solution of pseudomonotone equilibrium problems and generalized variational inequalities, *Filomat*, 36, 2022, 3969-3980, WOS:000927839800004
- T.C. Yin, **A. Pitea**, Strong convergence of an iterative procedure for pseudomonotone variational inequalities and fixed point problems, *Filomat*, 36, 2022, 4111-4122, WOS:000927839800014

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- M.U. Ali, **A. Pitea**, Existence theorem for integral inclusions by a fixed point theorem for multivalued implicit-type contractive mappings, *Nonlinear Anal. Modelling Control*, 26, 2021, 334-348, WOS:000625180600009
- N. Bin Turki, S. Deshmukh, **G.-E. Vîlcu**, On characterizing a three-dimensional sphere, *Mathematics*, 9, 2021, 3311, WOS:000736335500001
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- D. Enciu, **A. Halanay**, Stability for a delayed switched nonlinear system of differential equations in a critical case, *Int. J. Control*, 95, 2021, 1543-1550, WOS:000607431800001
- N. Gupta, **M. Postolache**, A. Nandal, R. A. Chugh, Cyclic iterative algorithm for multiple-sets split common fixed point problem of demicontractive mappings without prior knowledge of operator norm, *Mathematics*, 9, 2021, 372, WOS:000624147200001
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- **M. Joița**, Completely positive maps of order zero on pro- C^* -algebras, *Forum Math.*, 33, 2021, 29-37, WOS:000604750900003
- **M. Joița**, Unbounded local completely positive maps of local order zero, *Positivity*, 25, 2021, 1215-1227, WOS:000611074200001
- R. Miculescu, **A. Mihail**, Diameter diminishing to zero IFSs, *Monatsh. Math.*, 196, 2021, 861-876, WOS:000701004200001
- R. Miculescu, **A. Mihail**, M. Păcurar, Another characterization of hyperbolic diameter diminishing to zero IFSs, *Carpathian J. Math.*, 37, 2021, 217-226, WOS:000662029600008
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- M. Popescu, **P. Popescu**, Noether invariants for nonholonomic systems, *Symmetry-Basel*, 13, 2021, WOS:000643625000001
- M. Popescu, **P. Popescu**, H. Ramos, Some new discretizations of the Euler-Lagrange equation, *Commun. Nonlinear Sci. Numer. Simulat.*, 103, 2021, WOS:000706846700019
- S.S. Santra, O. Bazighifan, **M. Postolache**, New conditions for the oscillation of second-order differential equations with sublinear neutral terms, *Mathematics*, 9, 2021, 1159, WOS:000660252000001
- S. Singh, **A. Pitea**, X. Qin, An iterative method and weak sharp solutions for multitime-type variational inequalities, *Appl. Anal.*, 100, 2021, 2070-2187, WOS:000491825600001
- Y. Song, **M. Postolache**, Modified inertial forward-backward algorithm in Banach spaces and its application, *Mathematics*, 9, 2021, 365, WOS:000665905300001
- Y. Yao, **M. Postolache**, Strong convergence of Halpern-type projection subgradient algorithms with linear search for split equilibrium problems, *J. Nonlinear Convex Anal.*, 22, 2021, 363-373, WOS:000628021400010
- L.J. Zhu, **M. Postolache**, S.S. She, Convergence of self-adaptive projection methods with linear search for pseudomonotone variational inequalities and fixed point problems, *J. Nonlinear Convex Anal.*, 22, 2021, 1541-1554, WOS:000753116000010

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B. Lista conferințelor la care au participat conducătorii de doctorat din SDSA, Domeniul Matematică, Perioada 2021-01.01.2026

2025

- **M. Cimpoeaş**, Weak Almost Monomial Groups and Artin`s Conjecture, ISIM & ISWIM 2025, Universitatea Națională de Știință și Tehnologie Politehnica București, 20 noiembrie 2025, București
- **M. Joița**, Multinormed C^* -envelope of a quantum space, The International Conference on Pure and Applied Mathematics (14th ICPAM), 15-18 iulie 2025, Roma, Italia
- D. Lascu, **G.I. Sebe**, Exploring Gauss-Kuzmin Theorems for generalized Rényi continued fractions, 11th International Scientific Conference SEA-CONF, 28 aprilie 2025, Constanța
- **C. Mortici**, D.-Șt. Marinescu, An approach to Gateaux and Frechet differentiability based on delta-convex functions, Conferința Științifică Națională de Toamnă a Academiei Oamenilor de Știință din România, 17-19 septembrie 2025, Durău
- **A. Pitea**, Fixed point results on generalized metric space, International Workshop on Nonlinear Analysis and its Applications IWNAA2025, 3-5 septembrie 2025, Ankara, Turcia
- **A. Pitea**, On some vector optimization problems, Tendințe în Știință și tehnologie. Confluența matematicii, fizicii și informaticii, Universitatea Petrol-Gaze Ploiești, iunie 2025, Ploiești
- **M. Postolache**, Algorithms for split common fixed point problems, International Workshop on Applied Analysis and Optimization 2025 (IWAAO2025), China Medical University, 12-13 februarie 2025, Taichung
- **S. Treanță**, International Conference on Advances in Pure and Applied Mathematics (ICAPAM-25), 5-6 noiembrie 2025, Budapesta, Ungaria
- **S. Treanță**, “Academy of Romanian Scientists” Autumn Scientific Conference, 17-19 septembrie 2025, Durău, Romania
- **S. Treanță**, “Academy of Romanian Scientists” Spring Scientific Conference, 23-24 mai 2025, București
- **S. Treanță**, The 5-Day International Workshop on Optimization in Machine Learning, 04-08 aprilie 2025, online, India (invited speaker)
- **G.-E. Vîlcu**, On the stability of Riemannian manifolds, A day of differential geometry in memory of Stere Ianuș, Universitatea din București, Facultatea de Matematică și Informatică, 10 mai 2025

2024

- **M. Cimpoeaş**, Betti numbers of powers of path ideals of cycles, ISIM & ISWIM 2024, Universitatea Națională de Știință și Tehnologie Politehnica București, 27 iunie 2024, București
- **M. Cimpoeaş**, Graded Betti numbers of powers of path ideals of paths, Conferința Anuală a SSMR, Universitatea Națională de Știință și Tehnologie Politehnica București, 22 noiembrie 2024, București
- **M. Joița**, Injective envelope of a locally C*-algebra, 9th European Congress of Mathematics, 15-19 Iulie 2024, Sevilla, Spania
- **M. Joița**, Local boundary representations for a local operator system, 10th Congress of Romanian Mathematicians, University of Pitești, 30 iunie - 5 iulie 2024, Pitești
- **A. Pitea**, Optimization problems in a geometric setting, International Conference on Analysis and its Applications (ICAA-24), Department of Mathematics Jamia Millia Islamia University, 19-21 ianuarie 2024, New Delhi, India
- **M. Postolache**, Algorithms for fixed points of generalized hybrid operators with qualitative analysis, International Workshop on Applied Analysis and Optimization (IWAAO2024), China Medical University, 28-29 iunie 2024, Taichung
- D. Lascu, **G.I. Sebe**, Some metric problems of the Rényi -type continued fractions, 10th International Scientific Conference SEA-CONF, 16-18 mai 2024, Constanța
- G. T. Prajitura, G.T., Galanopoulos, P., Girela, D., Popescu, G., **G.I. Sebe**, On Rhaly Operators, 40th South Eastern Analysis Meeting (SEAM 40), University of Florida, College of Liberal Arts and Sciences, 15-17 martie, 2024, SUA
- **G.-E. Vilcu**, On the stability of the identity map of compact space forms, XXII Geometrical Seminar, May 26-31, 2024, Vrnjacka Banja, Serbia
- **G.-E. Vilcu**, Curvature invariants of submanifolds and stability of space forms, Geometry Days, September 6-9, 2024, Universitatea Tehnică Gheorghe Asachi, Iași

2023

- C. Ballantine, **M. Merca**, Almost \mathbb{S}^3 -regular overpartitions, AMS Special Session on Number Theory at Non-PhD Granting Institutions I, Joint Mathematics Meetings, 4-7 ianuarie 2023, Boston, SUA
- **M. Cimpoeaş**, On the monoid algebra associated to the monomial characters of a finite group, Workshop for Young Researchers in Mathematics – 12th edition, Universitatea Alexandru Ioan Cuza, 18-19 mai 2023, Iași, România
- **M. Cimpoeaş**, On the Hilbert depth of monomial ideals, The 28th National School on Algebra: Interactions between Algebra and Geometry in Bucharest, Universitatea din București, 24-28 iunie 2023, București
- **M. Cimpoeaş**, On almost monomial groups, The 10th Congress of Romanian mathematicians, Universitatea din Pitești, 30 iunie – 4 iulie 2023, Pitești
- **M. Joița**, The Choquet boundary for a local operator system, A day in operator algebras: Șerban Strătilă's 80th birthday, Institute of Mathematics of the Romanian Academy, 28 iunie 2023, București

- D. Lascu, **G.I. Sebe**, N-Continued Fractions and the Associated Random System with Complete Connections, 9th International Scientific Conference SEA-CONF, 18-19 mai 2023, Constanța
- **M. Merca**, On the parts with the same parity in all the partitions of n , The Tenth Congress of Romanian Mathematicians, 30 iunie – 5 iulie 2023, Pitesti
- **M. Merca**, New interpretation on parts with the same parity in the partitions of n , National Scientific Conference, The Romanian Academy of Scientists, 21-23 septembrie 2023, Constanța
- **M. Postolache**, An approximation sequence for finding solutions of a split problem involving fixed points and variational inclusions, The International Conference of Nonlinear and Variational Analysis, North Minzu University, 25-27 iulie 2023, Yinchuan, China
- G. T. Prajitura, **G.I. Sebe**, Some questions in Linear Dynamics, 34th International Workshop on Operator Theory and its Applications (IWOTA 2023), University of Helsinki, 31 iulie-4 august 2023, Finlanda
- G. T. Prajitura, **G.I. Sebe**, Teodorescu, D., Vernescu, A., Some Counterexamples in Real Analysis, Mathematical Association of America (MAA) Seaway Section, Waterloo University, 5-6 mai 2023, Canada
- **S. Treanță**, The Scientific Session of Young Researchers, AOSR TEAMS 2022-2023 competition (18 iulie 2022, 8 decembrie 2022, 7 iulie, 2023, 27 noiembrie 2023)
- **S. Treanță**, The 5-Day International Workshop on Optimization Techniques in Industrial and Engineering Applications, 6-10 ianuarie 2023, online, India (invited speaker)
- **G.-E. Vilcu**, Relationships between basic intrinsic and extrinsic curvature invariants of submanifolds, The First Sharjah International Conference on Mathematical Sciences, 6-8 noiembrie 2023, Universitatea Sharjah, Emiratele Arabe Unite
- **G.-E. Vilcu**, On some basic curvature invariants and inequalities for submanifolds in space forms, The 4th International Workshop Differential Geometric Structures and Applications, Haifa University, 11-13 mai 2023, Haifa (Israel)
- **G.-E. Vilcu**, Geometry of production functions, International Conference ICES2023, King Saud University, 6-8 februarie 2023, Riyadh, Arabia Saudită

2022

- **M. Cimpoeaş**, A note on the monomial characters of a wreath product of groups, C.A.I.M. ediția 29, Universitatea de Stat din Tiraspol, 25-28 august 2022, Chișinău, Republica Moldova
- **M. Cimpoeaş**, Almost monomial groups, Conferința anuală a SSMR, Universitatea Politehnica din București, 22 octombrie 2022, București
- C. Krattenthaler, **M. Merca**, C.-S. Radu, Two different proofs of the Merca conjectures, Algorithmic and Enumerative Combinatorics, 4-8 iulie 2022, Viena, Austria
- **M. Merca**, On a function involving the cubic partitions}, AMS Special Session on Partition Theory and Related Topics, Joint Mathematics Meetings, 6-9 aprilie 2022, SUA

- **P. Popescu**, A non-trivial construction of a Lie pseudoalgebra, International Conference on Applied Mathematics and Numerical Methods (ICAMNM), 29 iunie - 2 iulie 2022, Craiova, România
- G. T. Prajitura, **G.I. Sebe**, A Covering Property, Mathematical Association of America (MAA) Seaway Section, Siena College Loudonville, NY, SUA, 28-29 octombrie 2022
- G. T. Prajitura, **G.I. Sebe**, Some Open Problems in Linear Dynamics, 5th Northeast Analysis Network (NAN), University at Albany, State University of New York, Albany, 16-17 septembrie 2022, SUA
- G. T. Prajitura, **G.I. Sebe**, C. Udriște, Linear Dynamics: where do we go from here, 28th International Conference in Operator Theory, West University of Timișoara, 27 iunie - 1 iulie 2022, Timișoara
- **S. Treanță**, The Third International Conference on Mathematical Techniques and Applications (eICMTA- 2022), 23-25 martie 2022, online, India (invited speaker)
- **G.-E. Vilcu**, Killing forms on Sasaki-Einstein spaces, Workshop on Differential Geometry, Sungkyunkwan University, 8-9 August 2022, Suwon, Coreea de Sud

2021

- **C. Catană**, Localization operators for the windowed linear canonical transform, 13th ISAAC Congress held at Ghent University, 2-6 august 2021, Ghent, Belgia
- **G.-E. Vilcu**, Interactions between differential geometry and economic analysis, 18th International Geometry Symposium, 12-13 iulie 2021 (conferință online în onoarea Prof. dr. Sadik Keleş)
- **S. Treanță**, The Third Romanian Itinerant Seminar on Mathematical Analysis and its Applications, 10-12 septembrie 2021, Alba Iulia