

Prof. Emeritus Dr. Constantin Udriște at his 80th anniversary

Constantin Udriște is Professor of Mathematics at the University Politehnica of Bucharest. He has written 55 books published in prestigious publishing houses in Romania and abroad. Two monographs, *Convex Functions and Optimization Methods on Riemannian Manifolds* (1994) and *Geometric Dynamics* (2000), were published by Kluwer Academic Publishers, and a third monograph (written in collaboration with Ovidiu Călin), *Geometric Modeling in Probability and Statistics*, was published by Springer (2014). Professor Constantin Udriște has published, as well, over 350 articles in mathematics. Cumulatively, over three years of his life, he was dedicated to organizing and participating in specialized conferences, in the country and abroad. We include a brief selection of notable aspects of his professional activity:



Membership in Professional Societies:

- American Mathematical Society, 1987-;
- Tensor Society, Japan, 1985- ;
- Society of Mathematical Sciences in Romania, 1963- ;
- Balkan Society of Geometers, Vice-President 1994-2005;
- Balkan Society of Geometers, President 2005-.

Membership in Academies:

- Correspondent Member of the Academia Peloritana dei Pericolanti, 1997-;
- Titular Member of Academy of Romanian Scientists, Nov. 2007-;
- Honorary Member, SEAS, 2008-.

Prizes and Awards:

- Dragomir Hurmuzescu Prize, Academy of Romania, 1985;
- Award for Distinguished Didactic and Scientific Activity, Ministry of Education and Instruction of Romania, 1988;
- Member Research Board of Advisors, ABI, 1999-.
- Prize COPIRO - 2000 for Exact Sciences;
- Premio Anassiloos International 2002, Arte Cultura Scienze, Italy;
- Stefan Hepites Prize, Academy of Romania, 2010.

Journal Editor and Reviewer:

- Editor, Math. Gazette, Bucharest, 1963-1964;
- Member, Editorial Bd. Math. Gazette, Bucharest, 1978-1986;
- Reviewer, Zbl. Berlin, 1973- ; MR. Ann. Arbor, U.S.A., 1986- ;
- Acta Applicandae Mathematicae, 1990 -;

- Member of Advisory Board, Scientific Bulletin, University Politehnica of Bucharest, Applied Mathematics and Physics, 1993-;
- Founder, Editor-in-Chief, Member of Board Committee, Balkan Journal of Geometry and Its Applications, Electronic and Printed Journal, 1995-;
- Founder, Editor-in-Chief, BSG Proceedings, Electronic and Printed Journal, 1997-;
- Founder, Editor-in-Chief, Differential Geometry and Dynamical Systems, Electronic Journal, 1999-;
- Founder, Editor-in-Chief, Applied Sciences, Electronic Journal, 1999-;
- Member of Editorial Board, WSEAS Transactions on Mathematics, 2007-;
- Editorial Review Board, Math & Statistics, Scientific Journals Intl, 2007-;
- Ed. Board, International Journal of Mathematics and Statistics (IJMS), 2007-;
- Editorial Board, International Journal of Applied Mathematics and Informatics, 2007-.

Recent Papers of 2019-2020:

1. C. Udriște, M. Ferrara, I. Țevy, Dorel Zugrăvescu, F. Munteanu, *Phase diagram for Roegenian Economics*, AAPP | Atti della Accademia Peloritana dei Pericolanti, Classe di Scienze Fisiche, Matematiche e Naturali, Vol. 97, No. 1, A3 (2019); Clarivate analytics, h-index 10.
2. C. Udriște, E.L. Otobîcu, I. Țevy, *Multitime hybrid differential games with multiple integral functional*, Optimization Letters, <https://doi.org/10.1007/s11590-019-01514-w>; IF. 1.399 (2018), h-index 31.
3. C. Udriște, M. Ferrara, I. Tevy, Dorel Zugrăvescu, F. Munteanu, *Entropy of Reissner-Nordstrom 3D black hole in Roegenian Economics*, Entropy, 2019, pp. 1-15; IF. 2.419 (2018), h-index 51.
4. C. Udriște, I. Țevy, *Geometric Dynamics on Riemannian Manifolds*, Mathematics (mdpi) **2020**, 8, 79; IF. 1.105 (2018).
5. A. Bejenaru, C. Udriște, *Multivariate optimal control with payoffs defined by submanifold integrals*, Symmetry (mdpi) **2019**, 11, 893; IF. 2.51 (2018), h-index 24.
6. T. Țurcanu, C. Udriște, *Stochastic connectivity on an almost-Riemannian structure induced by symmetric polynomials*, U.P.B. Scientific Bulletin, Series A, **81**, 2 (2019), 17-22; IF. 0.50 (2018), h-index 17.
7. C. Ghiu, R. Tuligă, C. Udriște, *Discrete multiple recurrence*, U.P.B. Scientific Bulletin, Series A, **81**, 4 (2019), 25-38; IF. 0.50 (2018), h-index 17.
8. C. Udriște, I. Țevy, *Minirobots moving at different partial speeds*, Mathematics (mdpi) **2020**, 8, 1036; doi:10.3390/math8061036; IF. 1.747 (2019).

At his 80-th anniversary, the colleagues from University Politehnica of Bucharest and the members of Balkan Society of Geometry, warmly address to Professor Constantin Udriște their best wishes of long productive and fulfilling life.

22 January 2020