



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Radu Dan Constantinescu**
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E-mail rconsta@central.ucv.ro; rconsta@yahoo.com
Nationality Romanian
Date of birth 17.10 1955
Gender male

Occupational field Higher education

Work experience

Dates Add separate entries for each relevant post occupied, starting from the most recent. (remove if not relevant, see instructions)

Occupation or position held 01/09/1979 - 15/02/1990
Main activities and responsibilities Teacher of Physics
Name and address of employer Teaching Physics
Lic. „Gh.Lazar” Bucuresti / Liceul Militar Craiova / Colegiul „Carol I” Craiova

Dates 15/02/1990 - present
Occupation or position held Assistant, Associated Professor, Professor
Main activities and responsibilities Teaching Physics
Name and address of employer University of Craiova, 13 A.I.Cuza, 200 585 Craiova, Romania

Education and Training

Period 1975-1979
Title of qualification awarded Diploma in Physics
Principal subjects/occupational skills covered Teaching and research
Name and type of organisation providing education and training University of Craiova
Level of qualification 7

Period 1992 - 1997
Title of qualification awarded PhD
Principal subjects/occupational skills covered Physics

Name and type of organisation providing education and training Universitatea din Craiova

Level in national or international classification 8

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding

Listening

Reading

C2

C2

Speaking

Spoken interaction

Spoken production

C1

C2

Writing

C2

C1

(*) [Common European Framework of Reference for Languages](#)

Participation in international research Projects

1. On III-V compounds like (AlN, GaN, InN), Grant NATO nr. CBP. EAP.RIG 982008, 2006-2008, coordinator for Univ.Craiova
2. The knowledge of the Universe: between the reality and the mental construct, Tipul contractului: Grant Univ. Interdisciplin. Paris, contract: GPSSMAP07/2006, 2006-2008, PI
3. South-East European Network in Mathematics and Theoretical Physics, SEENET-MTP, retea sustinuta de un grant UNESCO, 2007-2010, responsabil stiintific de proiect: G.Djordjevic, Univ. Nis, Serbia, responsible for Univ. Craiova
4. Memory: from Individual to Society, from Quantum to Cosmos, Grant Metanexus Institute (SUA), MGNI Program ID1460, Contract Univ.Craiova no. 42C/2009, 2009-2012, scientific coordinator.
5. South-East European Network in Mathematics and Theoretical Physics, SEENET-MTP, Grant UNESCO (BRESCE Office Venetia), Contract no. AFC 10-12/2009, 2009-2010, scientific coordinator.
6. COMASS – Computational Methods in Astrophysics and Space Sciences, STAR -16 Project financed by the Romanian Space Agency (ROSA), 2017 – 2019.
7. HUB-UCv - Centru Suport pentru Proiecte CD Internaționale pentru regiunea Oltenia, Contract no. 230/15.04.2020, POC/80/1/2/107885, 2020-2023
8. Ro-Boost SMEs Consortium project, "Boosting Smart and Innovation-Driven Growth for Romanian SMEs", 2022-2025

Membership of professional bodies

- Vice-Rector for research of the University of Craiova (2005-2008, 2016 - 2020)
- Dean of the Faculty of Physics from the University of Craiova (2008-2011).
- Expert of European Commission for higher education. Bologna promoter for Romania.
- President of UNESCO South-Eastern European Network for Mathematical and Theoretical Physics (SEENET MTP) –network with universities and research institutes from 10 SE European countries
- General Secretary of the Romanian Physical Society.
- Chair of the Committee for European Integration of the European Physics Society (2016 – present)
- President of the Balkan Physical Union (2022 – present)
- Coordinator of EU programs as Tempus, Erasmus, Grundtvig sau Comenius.
- Member of IEEE and of American Mathematical Society (USA).

Publications

- Papers in ISI Journals or indexed in International Databases: 112
- Invited lectures in International conferences: 14
- Papers in Proceedings of international conferences non-indexed in databases:4
- Papers published in other recognized Romanian journals: 23
- Other scientific studies and papers: 22
- Books: 6
- Researcher profile: <http://www.researcherid.com/rid/B-8694-2012>
- Orcid: <https://orcid.org/0000-0002-4841-5606>

Annexes

List of selected publications and Citation Report from Web of Sciences

LIST of selected scientific papers

- 1) **R.Constantinescu**: "New solutions of Dodd-Bullough-Mikhailov equation by using an improved tanh-method", Rom. Rep. Phys. 69 (2017), 112.
- 2) C.Ionescu, **R.Constantinescu**, M.Stoicescu: "Functional expansion for finding traveling waves solutions", Journal of Applied Analysis and Computation (JAAC), Vol.10, (2), 2020, 569-583, DOI:10.11948/20180314.
- 3) **R.Constantinescu**, A. Florian: "Integrability via Functional Expansion for the KMN Model", Symmetry Vol 12 (2020), 1819; DOI:10.3390/sym12111819
- 4) **R.Constantinescu**, C. Ionescu, A. Pauna: „A reduction method for solving nonlinear PDEs”, ics AUC, vol. 30 (part II), 158-165 (2020)
- 5) **R.Constantinescu**, R.Cimpoiasu: "Invariant solutions of the Eckhaus-Kundu model with nonlinear dispersion and non-Kerr", Waves in Random and Complex Media, Vol. 31 (2), 331-341 (2021), <https://doi.org/10.1080/17455030.2019.1587210>
- 6) J. Sabi'u, H. Rezazadeh, R. Cimpoiasu, **R. Constantinescu** - Traveling wave solutions of the generalized Rosenau–Kawahara-RLW equation, Intern. J. of Nonlin. Sciences and Numerical Simulation, Vol 23 (2022), <https://doi.org/10.1515/ijnsns-2019-0206>
- 7) C. Ionescu, C.N. Babalic, **R. Constantinescu**, R. Efreem, "The Functional Expansion Approach for Solving NPDEs as a Generalization of the Kudryashov and G 'I/G Methods", Symmetry 14(4), 827 (2022), <https://doi.org/10.3390/sym14040827>
- 8) C. Ionescu, **R. Constantinescu**, "Solving Nonlinear Second-Order Differential Equations through the Attached Flow Method", Mathematics 2022, 10, 2811. <https://doi.org/10.3390/math10152811>
- 9) R.Cimpoiasu, **R. Constantinescu**, "New Wave Solutions for the Two-Mode Caudrey–Dodd–Gibbon Equation", Axioms 2023, 12(7), 619; <https://doi.org/10.3390/axioms12070619>
- 10) R. Cimpoiasu, **R. Constantinescu**, "Wave Solutions for a (2 + 1)-Dimensional Burgers–KdV Equation with Variable Coefficients via the Functional Expansion Method". Symmetry. 2024; 16(1):96. <https://doi.org/10.3390/sym16010096>

