

PERSONAL INFORMATION Daniel RADU



📍 “Alexandru Ioan Cuza” University of Iasi, Romania

☎ +40 232 201 050 📱 +40 722 877 134

✉ daniel.radu@cern.ch; dradu@uaic.ro

🌐 www.phys.uaic.ro

Sex M | Date of birth 04/05/1967 | Nationality Romanian

POSITION WITHIN THE PROJECT “ATLAS
Experiment from LHC”

Project Responsible, Partner P3 – UAIC

WORK
EXPERIENCE

- lecturer (1998 – present)
- assistant (1995 – 1998)
- associate assistant (1992 – 1995)
- high-school teacher (1991 – 1992)
- “Al. I. Cuza” Univ. of Iasi, Faculty of Physics, Blvd. Carol I, Nr. 11, 700506, Iasi, www.uaic.ro (1992 – present)
- National College “Costache Negruzzi” Iasi, Str. Toma Cozma, No. 4, 700554, Iasi, www.colegiulnegruzzi.ro (1991 – 1992)

Didactic and scientific research activities. Taught courses and seminars: Quantum Mechanics, Quantum Field Theories, Thermodynamics and Statistical Physics, Analytical Mechanics and Mechanics of Continuous Deformable Media, Mathematical Statistics and Probabilities, Electrodynamics and Theoretical Mechanics, Control Methods for Nonlinear Phenomena.

- University education (1992 – present)
- High school education (1991 – 1992)

EDUCATION
AND TRAINING

- PhD in Physics (held on: 19.12.1998. Faculty of Physics, Univ. “Al.I. Cuza” Iasi. Title of the thesis: “Contributions to the study of the interaction of high-spin particles”);
- Graduated in Physics, Diploma of Merit, Faculty of Physics, “Al.I. Cuza” Univ. of Iasi (graduate in 1991);
- High school studies at “Mihail Sadoveanu” National College, Pascani, Iasi, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken	Spoken	
English	B1	B2	B1	B1	B1
	Replace with name of language certificate. Enter level if known.				
Italian	A2	B1	A1	A1	A2
	Replace with name of language certificate. Enter				

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

My communication skill is sustained by the fact that I am teacher in university education for more than 25 years

Organisational / managerial skills

Leadership: - I led an eight members team inside the research project entitled "ATLAS Experiment at the LHC" (students from license and master of science levels), as well as "Physics Circle" for students (2 years: 2001 and 2002) at the Faculty of Physics, "Alexandru Ioan Cuza" University of Iasi.
 Besides, I was involved in organizing committees of some local scientific activities (conferences, symposiums, scientific workshops).

Job-related skills

Because of the specificity of my profession, I acquired skills in: lectures, problem-solving, heuristic conversation, debate, guided discovery, explanation.

Digital competence

SELF-ASSESSMENT

Information	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

Replace with your other computer skills. Specify in what context they were acquired.

- good command of a suite of office software (word processor, spread sheet, presentation software);
- good command of photo editing software gained as an author of books and scientific articles;
- good knowledge of using LaTeX software, MathType equation editor, numerical and analytical computing software Mathematica and Maple as well.

Other skills

Replace with other relevant skills not already mentioned. Specify in what context they were acquired. Example:

- Electrician (qualification after graduating high school)

Driving licence

Driving licence category B (since May 2008)

ADDITIONAL INFORMATION

- Publications** 5 books (4 in Romania and 1 in USA), 20 ISI articles, 17 articles at the Annals of Romanian Universities and Romanian Journals with reviewers
- Presentations** 8 in Romania (outreach-type activities) and 4 abroad (ERASMUS Program)
- Projects** 5 (one out of these 5 having mixed financing: Romanian Government and World Bank)
- Conferences** 3 international and 11 national
- Seminars** I taught and I led seminars of: Quantum Mechanics, Quantum Field Theories, Thermodynamics and Statistical Physics, Analytical Mechanics and Mechanics of Continuous Deformable Media, Mathematical Statistics and Probabilities, Electrodynamics and Theoretical Mechanics, Control Methods for Nonlinear Phenomena
- Memberships** Romanian Society of Gravitation and General Relativity
- Citations** 40
- Courses** I taught and I led courses of: Quantum Mechanics, Quantum Field Theories, Thermodynamics and Statistical Physics, Analytical Mechanics and Mechanics of Continuous Deformable Media, Mathematical Statistics and Probabilities, Electrodynamics and Theoretical Mechanics, Control Methods for Nonlinear Phenomena

ANNEXES

Replace with list of documents annexed to your CV. Examples:

- The list of published books;
- The list of published scientific articles;
- The list of conferences that I attended.

2022 February 27