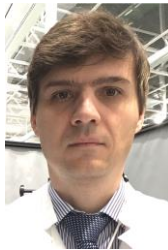




PERSONAL INFORMATION



Ovidiu Teșileanu

 Institutul Național de Cercetare-Dezvoltare pentru Fizică și Inginerie Nucleară „Horia Hulubei”

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 (+4) 0740 087 368

 ovidiu.tesileanu@eli-np.ro

 [ovidiu.tesileanu on Skype](#)

Sex M | Date of birth 14/11/1980 | Nationality Romanian

WORK EXPERIENCE

March 2018 – September 2020,
February 2021 – present

Head of Department „Laser Gamma Experiments”

ELI-NP Unit – “Horia Hulubei” National R&D Institute for Physics and Nuclear Engineering
30 Reactorului Street, RO-077125, Magurele, jud. Ilfov, Romania, www.eli-np.ro

Business or sector Research

July 2011 – present

Scientific Researcher (CS III 2011-2016, CS II since Sept 2016)

ELI-NP Unit – “Horia Hulubei” National R&D Institute for Physics and Nuclear Engineering
30 Reactorului Street, RO-077125, Magurele, jud. Ilfov, Romania
www.eli-np.ro

Business or sector Research

December 2011 – present

Scientific Researcher (CS III) – Lecturer

Research Centre for Atomic Physics and Astrophysics, Faculty of Physics, University of Bucharest
405 Atomistilor Street, RO-077125, Magurele, jud. Ilfov, Romania

<http://brahms.fizica.unibuc.ro/atom/index.html>

Business or sector Education – Research

July 2009 – November 2011

Scientific Researcher (CS III)

Research Centre for Atomic Physics and Astrophysics, Faculty of Physics, University of Bucharest
405 Atomistilor Street, RO-077125, Magurele, jud. Ilfov, Romania

<http://brahms.fizica.unibuc.ro/atom/index.html>

Business or sector Education – Research

November 2005 - November 2008

Associate researcher (Marie Curie Early Stage Researcher) – PhD

Dipartimento di Fisica Generale, University of Turin
1 Pietro Giuria Street, I-10125, Torino, Italy

Business or sector Research

May 2004 – November 2005

Programmer C/C++, PHP/MySQL

SC Intersoft Center SRL, Bucharest

Business or sector IT, informatics

EDUCATION AND TRAINING

November 2005 - November 2008

Philosophy Doctor (PhD) in Physics

EQF Level 8

University of Turin, Italy

October 1999 – July 2003

Physicist

EQF Level 7

Faculty of Physics, University of Bucharest, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C2
Italian	C1	C1	C2	C1	C2
French	B1	B2	A2	A2	B1

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

Communication skills

- Good communication skills acquired through the extended international environment in which I worked since 2005
- Participation to over 60 international conferences, workshops and schools, with over 50 presentations and several invited lectures/talks
- Seminars held at the University of Bucharest, University of Wuppertal
- Gave lectures and supervised laboratory classes in Atomic Physics, Nuclear Physics, Astrophysics, Computer Programming to undergrad and Masters students at the University of Bucharest

Organisational / managerial skills

- Leadership: currently Head of Department LGED at ELI-NP, have led the development of the TDR for experiments proposed and started implementation
- Leadership: Project Director of a CNCSIS RP project (2009-2011)
- Leader of IFIN-HH/ELI-NP participation to the international project IT-ELLI (Innovative Training and Education for Large Laser Infrastructures)
- Project responsible person for the IFIN-HH/ELI-NP participation to the XHVELI (ELIRO19/2016) project, led by ICSI Râmnicu-Vâlcea, for R&D in ultra-high vacuum techniques
- WP5 Leader in the European project IMPULSE
- Led the organization of several large-scale outreach activities at the University of Bucharest

Job-related skills

- Familiar with the issues of design and building of high vacuum systems, interaction chambers, complex optical systems
- Familiar with radioprotection issues, design and computation of shielding means and beam dumps
- Good command of numerical simulation theory and application to the fields of Atomic Physics, Fluid Dynamics and Astrophysics
- Crane operator (with certification)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Independent user	Independent user

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

- Good command of MS Office, MS Project, Visio
- Programming skills in C, C++, Fortran – development of scientific software
- Familiar with IDL, Origin
- Experienced with Databases, web programming (PHP, Java)
- Good command of management of Linux and Windows
- Familiar with Adobe photo editing software

- Other skills**
- PC Hardware (upgrade, custom building, troubleshooting)
 - Computer networks (designed and built several LANs)
 - Technical ability in mechanics, electronics (experimental devices construction and repairing)
 - Photography (with certification)
 - Skiing

Driving licence B category, since 2000

ADDITIONAL INFORMATION

- Publications** Please check online:
<https://scholar.google.com/citations?user=hgcvRUwAAAAJ&hl=en>
- Presentations** TEDxAlbalulia 2019 – <https://www.youtube.com/watch?v=elojQ3QlVA>
 TEDxCERN Bucharest 2013 – <https://www.youtube.com/watch?v=bYxGisN8MLY>
 Researcher’s night, various fairs and exhibitions
- Projects** Member in the Management Committee (Leader of Romania participation) of the COST Action MP 0905 – „Black Holes in a Violent Universe”
 HPC Europe2 6-week computational grant at CINECA Bologna
 Project Director of a CNCSIS RP project (2009-2011)
 Leader of IFIN-HH/ELI-NP participation to the international project IT-ELLI (Innovative Training and Education for Large Laser Infrastructures)
 Project responsible person for the IFIN-HH/ELI-NP participation to the XHVELI (ELIRO19/2016) project, led by ICSI Râmnicu-Vâlcea, for R&D in ultra-high vacuum techniques
- Conferences** List of conferences and workshops in the attached documents
- Memberships** Romanian Physical Society
- References** References may be requested from:
- Prof. Dr. Kensuke Homma, Grad. School of Adv. Science and Engineering, Hiroshima University
 - Prof. Dr. Hab. Wojciech Dominik, Inst. of Exp. Physics, Faculty of Physics, Warsaw University
 - Prof. Dr. Kazuo Tanaka , ELI-NP, IFIN-HH, Romania
- Citations** >1600 citations on Web of Knowledge (excluding self-citations)
- Courses**
- 2016 and 2021: Training course on “Radiation Protection on the Use of Particles Accelerators and Radioactive Sources”, organized by the IFIN-HH Nuclear Training Centre – CPSDN
 - 2022: Training course “Crane operator category E”
 - 2013: Course in Public Relations and Crisis Management – organizer: the Foundation for Democracy, Culture and Liberty
 - 2013: Successfully attended the course “Advanced Vacuum Training Course” organised by Edwards Vacuum at IFIN-HH, Magurele
 - 2012: Participation in the European training programme “Realising and Managing International Research Infrastructures” (RAMIRI2)
- Certifications**
- Certificate Level 1: “Radiation Protection on the Use of Particles Accelerators and Radioactive Sources” (since 2016)
 - Certificate Crane operator cat. E

ANNEXES
