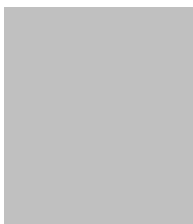


PERSONAL INFORMATION

Ionel LAZANU



 **University of Bucharest, Faculty of Physics**

 +40214574949/145r  +40746105330 (personal)

 ionel.lazanu@g.unibuc.ro, ionel.lazanu@cern.ch

Sex M | Date of birth 25/05/1957 | Nationality Romanian

WORK
EXPERIENCE

2003 – present

Professor (Emeritus since 2022)

University of Bucharest, Faculty of Physics, 405 Atomistilor, Magurele Ilfov 077125

Teaching and research (experiment and phenomenology) in Nuclear and Particle Physics, Cosmology, Interaction of radiation with matter

2003 – present

Principal Investigator at University of Bucharest

1997 - 2003

Reader

University of Bucharest, Faculty of Physics, 405 Atomistilor, Magurele Ilfov 077125

Teaching and research (experiment and phenomenology) in Nuclear and Particle Physics, Cosmology, Interaction of radiation with matter

1995 -1997

Lecturer

University of Bucharest, Faculty of Physics, 405 Atomistilor, Magurele Ilfov 077125

Teaching and research (experiment and phenomenology) in Nuclear and Particle Physics, Cosmology, Interaction of radiation with matter

1993 – 1995

Assistent Professor

University of Bucharest, Faculty of Physics, 405 Atomistilor, Magurele Ilfov 077125

Teaching and research (experiment and phenomenology) in Nuclear and Particle Physics, Cosmology, Interaction of radiation with matter

1984 -1993

Physicist and researcher

National Institute of Physics and Nuclear Engineering , 407 Atomistilor, Magurele

Research in Nuclear and Atomic Physics
(1990-1992: JINR Dubna)

1981 -1984

Teacher of Physics

Ilfov

Teaching physics

EDUCATION
AND
TRAINING

1985 - 1992

PhD

t

University of Bucharest, Faculty of Physics

PhD in Radiation Physics; Thesis title: 'Pions Absorption in He-3'

Supervisor: Professor Alexandru Mihul

1980 - 1981

MSc

t

University of Bucharest, Faculty of Physics

Atomic, Nuclear and Elementary Particle Physics

1976 - 1980

Bachelor of Science

t

University of Bucharest, Faculty of Physics

Physics

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Independent User	Independent User	Independent User	Independent User	Independent User
French	Independent User	Independent User	Independent User	Independent User	Independent User

Communication skills good communication skills gained through my experience as sales manager

Organisational / managerial skills leadership (head of former Nuclear and Atomic Chair, Faculty of Physics, principal investigator different research projects)

ADDITIONAL INFORMATION

International Collaborations

NP-02/CERN, DUNE/USA, DRD-2 -Liquid Detectors/CERN

List of research grant as project coordinator/ responsible partner team

- Contracts RO_DUNE, RO-DUNE_2, Ro_DUNE-3 between 2019-2026
- NEPHYLAro (modul 5.2 RO_CERN) 2017.
- Dubna contract 2015 (Anex to JINR Order no. 34/23-01-2015, poz. 72, contract 03-4-1104-2011/2016).
- Dubna contract 68/2014.
- Detection systems for cosmic radiation using new technologies (DETCOS) PNCDI II, Partnership 82-104/2008.
- GRID techniques in astrophysics with applications to modelling and processing space data, (GRAPH), PNCDI II, Partnership UB 82-077/2008.
- Advanced studies for obtaining semiconductor detectors able to operate in intense hadron and lepton fields, with energies up to hundreds of TeV, PNCDI I/ CERES 69/2004.
- Modelling and engineering of defects in semiconductors, for obtaining radiation hard detectors for applications in the physics of particles and heavy ions produced in accelerators or by astrophysical sources, and industrial applications, PNCDI I/ MATNANTECH 219 (404)/2004, UB 219(404)/2004.
- Kinetics of defects induced in semiconductors by irradiation with particles and ions of intermediate and high energies, PNCDI I /CERES 17/2001.

Other projects

- LAGUNA (proiect FP 7: Grant Agreement No. 212343): Design of a pan European infrastructure for Large Apparatus for Grand Unification and Neutrino Astrophysics; 2008-2011.
- LAGUNA-LBNO (proiect FP 7): Design of a pan-European Infrastructure for Large Apparatus studying Grand Unification, Neutrino Astrophysics and Long Baseline Neutrino Oscillations; 2011-2014.

Co-Coordinator for study programs

- Interactii atomice, nucleare, particule elementare, astrofizica si aplicatii, IANPEAA (master, 2008-2013).
- Fizica atomului, nucleului, particule elementare, astrofizica si aplicatii FANPEAA (master, since academic year 2013-2014) - present
- Fizica (since academic year 2016-2017) - present.

Organisational skills and competences

Elected Head of the Atomic and Nuclear Physics Chair (2008-2011)
Elected member of the Council of the Faculty (2000-2011, 2015- present)
Elected Member of the Dissemination Board WA105 Collaboration

Member of the Romanian Physics Society, Secretary of the Section: Nuclear Physics, Elementary Particles, Astrophysics, Cosmology (2009-2013) and President of the Section (after 2018)
Member of the European Physics Society

List of publications:

Ionel Lazanu ORCID: [0000-0002-0210-3148](https://orcid.org/0000-0002-0210-3148) Papers: 144

Inspire-hep: (<https://inspirehep.net/>); Papers: 156, Citations: 2217, h-index: 20

Google scholar: Citations: 5899, h-index: 31

6 books



October 2025