

Curriculum vitae Europass



Personal information

First name/ Surname **CULEA EUGEN**
Official address Technical University of Cluj-Napoca, 28 Memorandumului street, Cluj-Napoca, 400114, Romania
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Nationality Romanian
Date of birth 15.02.1951
Gender Male

Work experience

Dates, occupation or position held

- 2016-2022, associate teaching staff member, Physics&Chem. Dept., Technical University of Cluj-Napoca, Romania
- 2016 retired
- 2001-2016, Professor, Physics Dept., Technical University of Cluj-Napoca, Romania
- 1996 - 2001, Assistant professor, Physics Dept., Technical University of Cluj-Napoca, Romania
- 1988-1996, Lecturer, Physics Dept., Technical University of Cluj-Napoca, Romania
- 1980-1988, Asistent, Physics Dept., Technical University of Cluj-Napoca, Romania
- 1977-1980, physicist, Glass Entreprise from Turda
- 1975-1977, physicist, Steel Works from Targoviste, Romania.
- 1994 – 2003, Scientific Secretary - Faculty of Materials Science & Engineering, Technical University of Cluj-Napoca, Romania
- 1998 – present, Head of Physics Dept (since 2011 Dept.of Physics & Chemistry), Technical University of Cluj-Napoca, Romania
- 1998 – 2012, member of the Senate of the Technical University of Cluj-Napoca, Romania
- 2007-2011, member of the Committee of the Romanian Ministry of Education for Validation of Academic Positions-section Physics.
- 1998 – 2020 evaluator for the Research & Development projects of the National Council for Scientific Research in Universities, Romania
- 1998 -2016 director, 2016 honorific director of the Research Centre for Materials Physics & Environmental Physics from the Technical University of Cluj-Napoca (<http://www.phys.utcluj.ro/resurse/Laboratoare/ResearchCentre/ Index/ Meniu.html>) (see also <http://www.phys.utcluj.ro/resurse/Laboratoare/LaboratorMasuratoriMagn Elec Spec.html>),

Name and adress of employer
 Main activities and responsibilities

Technical University of Cluj-Napoca, Romania
 Research and didactic activities in the field of Physics, Materials physics, Technical physics

Education and training

Dates - 1970 - 1975
Title of qualification awarded - Licence in Physics, Faculty of Physics, Babes-Bolyai University of Cluj-Napoca, Romania
Principal subjects/ occupational skills covered - Solid State Physics

Dates - 1987
 Title of qualification awarded - Ph.D. in Physics, Faculty of Physics, Babes-Bolyai University of Cluj-Napoca, Romania
 Principal subjects/ occupational skills covered Solid State Physics, title of thesis "Spectroscopic and structural investigation of vanadate glasses"

Dates - 2001
 Title of qualification awarded Ph.D. Advisor
 Principal subjects/ occupational skills covered Physics -Materials Physics

Dates - 2010
 Title of qualification awarded Graduate of the courses for project managers at the Technical University of Cluj-Napoca –
 Principal subjects/ occupational skills covered Accreditation as project manager.

Expertise field

Research and education programs Short stages (1 month) as invited researcher – 1994, 1996 Universidade de Aveiro (Portugal), - 2005, 2006 University of Chemnitz, Germany, - 2003, 2008, 2009, 2010, 2011 University of Osnabruck, Germany

Research domains Amorphous and vitreous materials, semiconducting materials, sensors, magnetic measurements (magnetic susceptibility), spectroscopic measurements (EPR spectroscopy, IR spectroscopy, UV-Vis spectroscopy), electrical measurements (characterization of electrical properties of materials).

Professional memberships:
 Member of Romanian Physical Society.
 Member of European Physical Society.
 Member of the American Chemical Society.
 Evaluator for the Research & Development projects of the European Commission, Bruxelles, 2000, 2003, 2009
 Member of the Romanian National Council for Awarding and Validation of Diplomas, Certificates and University Titles, a body of consultancy of the Minister of Education, Research, Youth and Sports, 2007-2011

Mother tongue

Romanian

Language	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production		Writing	
English	C1	Proficient user	B2	Independent user	C1	Proficient user	B2	Independent user	C1	Proficient user
French	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	C1	Proficient user
Russian	B2	Independent user	B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user

Organizational skills and competences Managerial skills acquired as director of several national research projects - 2 CEEEX projects (1 as coordinator, 1 as responsible for the Technical Univ. Cluj-Napoca), 2 PN II – Parteneriate projects (1 as coordinator, 1 as responsible for the Technical Univ. Cluj-Napoca), 1 PN II IDEI project, 2 CNCSIS tip A projects and 1 international project - HIGHTECH Europe (responsible for Technical Univ. Cluj-Napoca).

Technical skills and competences Solid State Physics, Spectroscopy (EPR, IR), magnetic measurements, electrical measurements.

Publications 153 articles in ISI journals, 28 articles in IDB journals, 15 books and book chapters, 107 papers in international conference volumes, 33 papers in national conference volumes (see the attached list of publications).

Visibility According to Scopus
Articles in publication list – 109 (only the articles published after 1991)
Citations 1710 (excluding selfcitations)
h-index = 18 (excluding selfcitations)
Member of the editorial board of the journal **Spectroscopy: An International Journal**
<http://www.hindawi.com/journals/spectroscopy/>
According to Google Academic
1,937 citations, h=25
According to Web of Science
1,615 citations, h=22
According to Researchgate
1,809 citations, 264.62 impact points

Address of the researcherid.com profile: www.researcherid.com/rid/B-7636-2011

Others *Member of scientific societies:* Romanian Physical Society, European Physical Society.
Activity as peer to peer referee for ISI scientific journals: J.Non-Cryst.Solids, Phys. Stat. Solidi, Mat.Sci.& Engn., Phys.Chem.Glasses, Modern Phys.Let., J.Electron Spectrosc.& Rel.Phenom., Acta Materialia, J.Magnetism.& Magn. Mat., Solid State Commun., Vibr. Spectroscopy, J.Luminescence, Materials Phys.&Chem., Ceram. Int.
Member of Editorial board: Journal of Spectroscopy (Hindawi Publishing Corp., impact factor 0.814, www.hindawi.com/journals/jspec/editors/), J.Mat. Sci. & Engn. (Austin Publishing Group, <http://austinpublishinggroup.org/material-science-engineering/editorialBoard.php>);
Associate editor: Int. Journal of Materials (North Atlantic University Union, www.naun.org/cms.action?id=6983)
Member of scientific committees of int. conferences, chairman: 1.PIM 2007, 2009–Isotopic & Molec. Processes, Cluj-Napoca, organized by INCDTIM Cluj-Napoca, (<http://pim.itim-cj.ro/>); 2.MATEHN 2006-Int. Conf. Materials Manufacturing & Technology, organized by the Technical University of Cluj-Napoca (<http://conference.utcluj.ro/matehn06/>); 3.MediTech 2009, 2011 Adv.Medicine & Health Care Through Technology, organized by the Technical University of Cluj-Napoca, (<http://www.meditech.utcluj.ro/programcommittees.html>); 4.EUCMOS 2008 – European Congress on Molecular Spectroscopy, Opatija, Croatia (and chairman, Section 3, Nanostructured Materials) (<http://www.eucmos2008.info/schedule/38>); 5.EUCMOS 2012 - European Congress on Molecular Spectroscopy, organized by Babes-Bolyai University of Cluj-Napoca.

Cluj-Napoca, 15.062024

Prof.dr.Culea Eugen