

Curriculum Vitae

Personal information

First name(s) / Surname(s)	Traian Petrisor
Official address(es)	Technical University of Cluj-Napoca, 28 Memorandumului Street, Cluj-Napoca, Romania
Telephone(s)	+40-264-599855
Fax(es)	+40-264-592055
E-mail	Traian.Petrisor@phys.utcluj.ro
Nationality	Romanian
Date of birth	01.08.1951
Gender	Male

Work experience

Dates	1974-1991
Occupation or position held	Physicist, Researcher, Senior Scientific Researcher III, Senior Scientific Researcher II
Main activities and responsibilities	- Quantum metrology - Participation at academic international joint projects on Josephson effect in quantum metrology (Royal Society-National Physics Laboratory, London, 1987 and Chinese Academy of Sciences, Institute of Physics, Beijing, 1989)
Name and address of employer	National Institute of Metrology, 2 Navodari Street, Cluj-Napoca, Romania
Type of business or sector	Research Institute
Dates	1991-2004
Occupation or position held	Lecturer, Associate Professor
Main activities and responsibilities	-High-temperature superconductors (HTS), Physics and technology of magnetic and superconducting thin films
Name and address of employer	Technical University of Cluj-Napoca
Type of business or sector	University
Dates	1995-1997
Occupation or position held	Scientific researcher, International Centre of Theoretical Physics Fellow
Main activities and responsibilities	High-temperature superconducting coated conductors
Name and address of employer	Italian National Agency for New Technologies, Energy and Environment (ENEA), Roma-Frascati, Italy
Type of business or sector	Research institute
Dates	2004-present
Occupation or position held	Professor
Main activities and responsibilities	- High-temperature superconducting coated conductors, Artificial pinning centres in YBCO films and vortex dynamics - Head of Doctoral School of Technical University Cluj Napoca - Head of "Center for Superconductivity, Spintronics and Surface Science" (C4S) - Member of the National Council for the Certification of Academic Titles, Diplomas and Certificates (CNADTCU) the Engineering Science panel
Name and address of employer	Technical University of Cluj-Napoca, Str. Memorandumului, no. 28, Cluj-Napoca, ROMANIA

Type of business or sector	University																																																		
Education and training																																																			
Dates	1980-1985																																																		
Title of qualification awarded	Ph.D. in Physics																																																		
Principal subjects/occupational skills covered	Doctoral thesis title “Magnetic Properties of Transition Elements Alloys																																																		
Name and type of organisation providing education and training	Babes-BolyaiUniversity, Cluj-Napoca																																																		
Dates	1970-1974																																																		
Title of qualification awarded	Diploma in Physics																																																		
Principal subjects/occupational skills covered	SolidState Physics																																																		
Name and type of organisation providing education and training	Babes-BolyaiUniversity, Physics Department																																																		
Expertise field																																																			
Grants and fellowships	- ICTP Fellowship: 1995-1997 (ENEA, Frascati-Roma, Italy)																																																		
Research and education programs	Dates 1995-present - PhD Supervisor(2008), Materials Engineering , TechnicalUniversity of Cluj-Napoca - Invited professor 1996 University of Salerno (PhD course on Superconductivity) - Invited researcher: 1987, National Physical Laboratory, London, England 1989, Institute of Physics, Beijing, China 1997, 1999, ENEA, Frascati-Roma, Italy 1996, Oak-Ridge National Laboratory, USA Professional memberships - Member of the Romanian National Council for Awarding and Validation of Diplomas, Certificates, and University Titles, a body providing consultancy to the Minister of Education, Research, Youth, and Sports (2011) - SCENET European Network on Superconductivity - Romanian Society of Physics - Materials Research Society - European Society for Applied Superconductivity																																																		
Mother tongue(s)	Romanian																																																		
<i>European level (*)</i>	<table><tr><th colspan="4">Understanding</th><th colspan="4">Speaking</th><th colspan="2">Writing</th></tr><tr><th colspan="2">Listening</th><th colspan="2">Reading</th><th colspan="2">Spoken interaction</th><th colspan="2">Spoken production</th><th colspan="2"></th></tr><tr><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td><td>C2</td><td>Proficient user</td></tr><tr><td>C1</td><td>Proficient user</td><td>C1</td><td>Proficient user</td><td>C1</td><td>Proficient user</td><td>C1</td><td>Proficient user</td><td>C1</td><td>Proficient user</td></tr><tr><td>B2</td><td>Independent user</td><td>B2</td><td>Independent user</td><td>B2</td><td>Independent user</td><td>B2</td><td>Independent user</td><td>B1</td><td>Independent user</td></tr></table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B1	Independent user
Understanding				Speaking				Writing																																											
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C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user																																										
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B1	Independent user																																										
Language																																																			
English																																																			
Italian																																																			
Russian																																																			
Organisational skills and competences	Managerial skills acquired as director of national and international research projects Organisational skills acquired as head of the Research Centre for Superconductivity, Spintronics and Surface Science.																																																		

Technical skills and competences	Materials Science and Engineering, Solid State Physics, Low Temperature Physics, Superconductivity and Magnetism
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