

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **VICTOR-EUGEN KUNCSE**
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E-mail(s) kuncser@infim.ro
Nationality Romanian
Date of birth 23/11/1962
Gender Male

Work experience

Dates 2010 → present
Occupation or position held Physicist, Senior researcher I; Head of the Laboratory of Magnetism and Superconductivity
Main activities and responsibilities Magnetic relaxation phenomena in nano-structured systems. Interfacial spin configuration and magneto transport phenomena in thin films, multilayers and globular spin valve structures. Magneto-functionalities in low dimensional systems and nanocomposites. Permanent magnets, magnetic fluids, magnetic sensors and actuators.
Name and address of employer National Institute of Materials Physics
Type of business or sector Research

Dates 2007 – 2010; 1998-2007;1995-1998;
Occupation or position held Physicist, Senior researcher I, Senior researcher II and senior researcher III
Main activities and responsibilities Magnetic, electric and structural properties in layered and nanoglobular thin films. Ferrofluids. Thin films, multilayers and nanocomposites. Organo-metallic compounds, doped polymers, spinel oxides, structural relaxation and crystallization in intermetallics.
Name and address of employer National Institute of Materials Physics
Type of business or sector Research

Dates 1992 - 1995
Occupation or position held Physicist, Scientific Researcher
Main activities and responsibilities Local electronic phenomena by Mossbauer spectroscopy. Random magnetic anisotropy.
Name and address of employer National Institute of Materials Physics
Type of business or sector Research

Education and training

Dates 1991 - 1995
Title of qualification awarded PhD
Principal subjects / occupational skills covered Surface phenomena studied by Mossbauer Spectroscopy (Physics of Condensed Matter).

Name and type of organisation providing education and training	Institute of Atomic Physics, Bucharest																																																		
Dates	1986 - 1987																																																		
Title of qualification awarded	High level specialization diploma																																																		
Principal subjects / occupational skills covered	Specialization in Lasers-Plasma-Spectroscopy.																																																		
Name and type of organisation providing education and training	Faculty of Physics, Bucharest University																																																		
Dates	1982 - 1986																																																		
Title of qualification awarded	MSc																																																		
Name and type of organisation providing education and training	Faculty of Physics, Bucharest University																																																		
Awards	Alexander von Humboldt fellowship in 2001, return fellowship in 2002 and the prize of the Romanian Academy in 2002																																																		
Publications	Scientific activity: More than 260 papers in ISI quoted international journals, 3 monographic articles, 2 review and 2 invited papers, 22 invited lectures, 10 book chapters, 1 edited book, 3 national patents. Hirsch index: 30. Citations: more than 3000.																																																		
Other language(s)																																																			
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French																																																			
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	(*) Common European Framework of Reference (CEF) level.																																																		
Organisational skills and competences	As head of laboratory and member of the Scientific Council I am involved in the development of the institute scientific strategy and in the administration of the current Laboratory issues. Promoter of 5 international and 10 national projects (including PCCDI and top-down Solutii) in the last 10 years as project coordinator.																																																		
Technical skills and competences	Topic of interest and expertise: structure, phase composition and magnetic interactions in intermetallics, structural relaxation and kinetic of crystallization in amorphous systems, spin glasses with random magnetic anisotropy, molecular magnets, magnetism in metal-organic compounds, local electronic phenomena in catalyze, nanomagnetism and magnetic interactions and spin structure at the surface/interface of bilayer thin films with different magnetic anisotropies, exchange bias and exchange spring systems, multilayers, spintronics and spin-valves, magnetic nanopowders, magnetic nanoparticles dispersed in various solid state matrices, diluted magnetic semiconductors, magnetic fluids.																																																		
Teaching Experience	Promoter and Adviser for PhD thesis since 2011 Professor associated to the Doctoral School of Physics, Faculty of Physics, University of Bucharest																																																		
Computer skills and competences	Advanced user of PCs, programming in Fortran and Turbo Pascal, writing Mossbauer and Monte Carlo software, user of dedicated software for process control and data processing (Origin), text editing and graphic presentations (MS Office, Power Point).																																																		
Additional information	Scientific research stages at Ruhr, Rostock, Karlsruhe and Duisburg Universities (Germany), Laboratory of Magnetism-Meudon and University of Rouen (France), University of Padova (Italy), University of Zaragoza (Spain). Studies on the local structure and phase transitions at the Deutsche Synchrotron (DESY) and Berlin Neutron Scattering Center (BENSC), Germany. Appointed by Romanian High Commission for Diplomas and Awards between 2012 and 2014.																																																		

21.01.2026

