



**Europass
Curriculum Vitae**

Personal information

First name(s) / Surname(s) **MIHAIL-LIVIU COȘEREANU**
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E-mail lv.cosereanu@gmail.com
Nationality Romanian
Date of birth JUNE 11, 1960
Gender Male

**Desired employment /
Occupational field**

Work experience

Dates	SINCE 2007
	Researcher 1st degree
Dates	2007-2014
Occupation or position held	Lecturer
Main activities and responsibilities	Teacher
Name and address of employer	National Defence University "CAROL I"
Type of business or sector	Education activities
Dates	2017- prezent
Occupation or position held	Scientific Director
Main activities and Responsibilities	Research & Development
Name and address of employer	National institute for Aerospace Research "Elie Carafoli" Iuliu Maniu Bd. 220, Bucharest ROMANIA.
Dates	2005-2016
Occupation or position held	General Manager
Main activities and responsibilities	Management, Research & Development
Name and address of employer	Military Equipment and Technology Research Agency, Aeroportului Street, No. 16, CP 19 OP Bragadiru, 077025, Bucharest, Romania
Type of business or sector	Research & Development

Dates	2004-2005
Occupation or position held	Chief of Armament Test -Evaluation and Research Center, Bucharest, Romania
Main activities and responsibilities	Management, Engineering, Research & Development
Name and address of employer	Military Equipment and Technology Research Agency, Aeroportului Street, No. 16, CP 19 OP Bragadiru, 077025, Bucharest, Romania
Type of business or sector	Research &Development
Dates	2002-2004
Occupation or position held	Scientific Deputy of Armament Test -Evaluation and Research Center, Bucharest, Romania
Main activities and responsibilities	Scientific research management
Name and address of employer	Military Equipment and Technology Research Agency, Aeroportului Street, No. 16, CP 19 OP Bragadiru, 077025, Bucharest, Romania
Type of business or sector	Research &Development
Dates	1996-2002
Occupation or position held	Chief of Electronic War Division
Main activities and responsibilities	Management, Engineering, Research & Development
Name and address of employer	Military Equipment and Technology Research Agency, Aeroportului Street, No. 16, CP 19 OP Bragadiru, 077025, Bucharest, Romania
Type of business or sector	Research &Development
Dates	1989-1996
Occupation or position held	Scientific researcher
Main activities and responsibilities	Research team for infrared devices, lasers and optoelectronics
Name and address of employer	Military Equipment and Technology Research Agency, Aeroportului Street, No. 16, CP 19 OP BRAGADIRU, 077025, Bucharest, Romania
Type of business or sector	Research &Development
Dates	1988-1989
Occupation or position held	Physician engineer
Main activities and responsibilities	Research activities for titan powders and their components
Name and address of employer	Non-ferrous Metal Research Institute, Bucharest, Romania
Type of business or sector	Researcher Institute
Dates	1985-1988
Occupation or position held	Physician engineer

Main activities and responsibilities	Auditing, certification and evaluation activities for materials and arc welding seam quality
Name and address of employer	Drobeta Turnu Severin Building Yard, Romania
Type of business or sector	Industry
Education and training	
Dates	2003-2016
Title of qualification awarded	National Official
Principal subjects/occupational skills covered	Coordination of research national activity for panel System Concepts and Integration
Name and type of organisation providing education and training	SCI/RTA/NATO Panel
Dates	2007-2010
Title of qualification awarded	PhD, Information and military science
Principal subjects/occupational skills covered	Thesis: "Scientific research implication within the development of military products"
Name and type of organisation providing education and training	National Defence University "CAROL I"
Dates	Since 2005
Title of qualification awarded	Assessor
Principal subjects/occupational skills covered	Evaluation of projects
Name and type of organisation providing education and training	National Development and Innovation Research Plan
Dates	2004-2005
Title of qualification awarded	Management specialist
Principal subjects/occupational skills covered	Acquisitions Management Course
Name and type of organisation providing education and training	National Defense University, Bucharest, Romania
Dates	1994-2000
Title of qualification awarded	Ph. D, Optoelectronic
Principal subjects/occupational skills covered	Thesis: "CO2 plasma as laser active environment study"
Name and type of organisation providing education and training	University of Bucharest, Romania

Dates	1980-1985
Title of qualification awarded	Physician engineer
Principal subjects/occupational skills covered	Solid Physics and Lasers
Name and type of organisation providing education and training	Faculty of Physics, University of Bucharest, Romania
Personal skills and competences	
Social skills and competences	Intercultural skills: I am experienced at working in a NATO and EU research project
Organisational skills and competences	Silver medal in the "International Exhibition of Inventions, Scientific Research and Technologic Transfer", Thirteenth edition - 2008, for his <i>"Thermovision system used in determining air pollution combustible gas"</i> . Gold medal in the "International Exhibition of Inventions, Scientific Research and Technology Transfer", Fourteenth Edition - 2011, for his <i>"Multi-sensor system for monitoring biological parameters"</i> .
Technical skills and competences	Research on developing technologies for the thermal imagery and laser systems; Research on smart nanolayers materials adaptable to the environment; Techniques and technologies for multispectral image processing; Research techniques and technologies of heat transfer phenomenon, especially in adaptive camouflage; Design techniques of laser rangefinders; Techniques and procedures to obtain laser radiation with $\lambda = 1.54$ mm, laser radiation with $\lambda = 1.06$ mm using Raman conversion; Designing and implementation technologies of laser systems; Mathematical foundation of an algorithm on smart materials adaptability; Mathematical methods of heat transfer for the material adaptability to the environment; Mathematical methods for assessment of thermal imager and multi-sensor systems; Mathematical methods to limit optical noise for the receiver using interferential filters instead of diffraction filters; Optical characterization methods for silicium in order to obtain the optical focus information system in IR for the detector.
Computer skills and competences	solid knowledge of DOS, WINDOWS, Microsoft Office, CorelDraw, Microsoft Project, AutoCad, MathCad, Mathemetica
Driving licence	Driving licence: class B
Additional information	Member of the Academy of Romanian Scientists.