



Europass Curriculum Vitae



Personal information

Surname(s) / First name(s) Pearsica Marian
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Fax(es)
E-mail marianpearsica@yahoo.com
Nationality Romanian
Date of birth 1964.03.18
Gender Male

Desired employment / Occupational field

Work experience

2004 – to date
Occupation or position held Associate Professor
Main activities and responsibilities Electrotechnics and Electric Machines course
Name and address of employer Manager of Electronics and Informatics Department of "Henri Coanda" Air Force Academy
Type of business or sector „Henri Coanda" Air Force Academy, 160 Mihai Viteazul Street, 500183 Brasov, Romania
 1996 – 2004
Occupation or position held Lecturer
Main activities and responsibilities Electrotechnics and Electric Machines course
Name and address of employer „Henri Coanda" Air Force Academy, 160 Mihai Viteazul Street, 500183 Brasov, Romania
Type of business or sector Fundamental Sciences Department
 1994 – 1996
Occupation or position held Lecturer
Main activities and responsibilities Reliability Theory course
Name and address of employer "Avram Iancu" Military Radiolocation Institute, 26 Feldioarei Street, Brasov, Romania
Type of business or sector Electronics Department
 1992 – 1994
Occupation or position held Scientific researcher
Main activities and responsibilities Designing and implementation of equipments including lasers; research contracts
Name and address of employer Institute of Optoelectronics – S.A., 111 Atomistilor Street, 76900 Bucharest, Romania
Type of business or sector Research Department - D₂
 1988 – 1992
Occupation or position held Scientific researcher
Main activities and responsibilities Analysis and design of optoelectronic devices particular applications in military technique
Name and address of employer The Atomic Physics Institute, 111 Atomistilor Street, 76900 Bucharest, Romania
Type of business or sector Special Devices with Lasers Department

Education and training

2002
Title of qualification awarded *PhD* degree
Principal subjects/occupational skills covered Industrial Engineering
Name and type of organization providing education and training Polytechnic University of Bucharest, Faculty of Technological Systems Engineering and Management
 1988
Title of qualification awarded *Master of Science* degree
Principal subjects/occupational skills covered Electronics and Telecommunication
Name and type of organization providing education and training Military Technical Academy, Electronics and Electrotechnics Faculty, profound direction in lasers.

Personal skills and competences

Mother tongue(s)

Romanian

Other language(s)

English, French

Self-assessment

European level (*)

English

French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
satisfactorily	satisfactorily	satisfactorily	satisfactorily	satisfactorily
satisfactorily	satisfactorily	satisfactorily	satisfactorily	satisfactorily

(*) Common European Framework of Reference for Languages

Scientific Activity

Books, University textbooks, Problems books published by publishing companies having I.S.B.N.: 9;

Local university textbooks: 2;

Papers published in Romania, in magazines, annals, scientific bulletins and national conference volumes: 43;

Papers published abroad, in magazines, annals, scientific bulletins and international conference volumes: 54;

Scientific research contracts: 6;

Scientific Research Grants: 5

Technical skills and competences

SMPS analysis and design

Designing control and drive circuits for dc and stepping motors

Power Electronics

Lasers and their applications in materials processing

Computer skills and competences

Computer aided study and simulation of electronic circuits (ORCAD/PSpice)

Programming in Mathematical software environment (mostly MathCAD)