



Europass Curriculum Vitæ



Personal information

First name(s) / Surname(s) **TARCOLEA, Mihail**
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E-mail mihai.tarcolea@upb.ro
Nationality Romanian
Date of birth 21.08.1951
Gender Male

Work experience

Dates	February 2003 onwards
Occupation or position held	Director of Biomaterials Research Centre – UPB-BIOMAT
Main activities and responsibilities	Coordination of activities in research of new metallic biomaterials Director of national R&D projects Education and training of students and young researchers
Name and address of employer	University POLITEHNICA of Bucharest, Bucharest
Type of business or sector	Superior education
Dates	1999 onwards
Occupation or position held	Professor
Main activities and responsibilities	Teaching
Name and address of employer	University POLITEHNICA of Bucharest, Bucharest
Type of business or sector	Superior education, research
Dates	1995 – 1999
Occupation or position held	Associate Professor
Main activities and responsibilities	Teaching
Name and address of employer	University POLITEHNICA of Bucharest, Bucharest
Type of business or sector	Superior education, research
Dates	1990 – 1995
Occupation or position held	Lecturer
Main activities and responsibilities	Teaching
Name and address of employer	University POLITEHNICA of Bucharest, Bucharest
Type of business or sector	Superior education, research

Dates 1980 – 1990
Occupation or position held **Assistant Professor**
Main activities and responsibilities Teaching
Name and address of employer University POLITEHNICA of Bucharest, Bucharest
Type of business or sector Superior education, research

Dates 1975 – 1980
Occupation or position held **Graduate Engineer**
Main activities and responsibilities Technological assistance, Metallography, Parts and Technologies Design
Name and address of employer FAUR Works, Bucharest
Type of business or sector Industrial and railways equipment

Education and training

Dates July 2011
Title of qualification awarded Certified IPC Specialist
Principal subjects/occupational skills covered - Acceptability of Printed Boards
Name and type of organisation providing education and training IPC – Association Connecting Electronics Industry
Level in national or international classification Certified IPC Specialist

Dates May 2007
Principal subjects/occupational skills covered - Methods of obtaining and characterization of dental alloys
Name and type of organisation providing education and training PX Tech Group, Chaux-du-Fonds, Switzerland

Dates April 2002 – February 2003
Title of qualification awarded JSPS Research Fellow
Principal subjects/occupational skills covered - Modelling of Phase Transformations in Welded Deposits
Name and type of organisation providing education and training Joining and Welding Research Institute – Osaka University, Japan
Level in national or international classification Long Term Research Fellowship JSPS (Japan Society for the Promotion of Science)

Dates 1994
Title of qualification awarded PhD
Principal subjects/occupational skills covered Title of the PhD thesis: *Studies and researches regarding modeling of plastic deformation process for hollow pipe drawing*
Name and type of organisation providing education and training Faculty of Materials Science and Engineering, University „POLITEHNICA” of Bucharest
Level in national or international classification PhD

Personal skills and competences

Mother language(s) **Specify mother language : Romanian**

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient	C1	Proficient
B1	Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate	B1	Intermediate

(*) Common European Framework of Reference for Languages

Social skills and competences

Professor, with teaching abilities
 Team work: I have worked in various types of research teams for national and international projects and programmes
 Mediating skills: I work on the borders between technical staff, research policy and researchers
 Ability to establish and maintain good working relations
 Extremely organised person
 Good abilities for synthetic views over concrete situations
 End-oriented work capacity
 Problem-solving attitude
 Responsibility
 Strong referential values of fairness, equity and dignity

Organisational skills and competences

Director of Biomaterials Research Centre (UPB – BIOMAT)
 Member of Faculty Council (Faculty of Materials Science and Engineering)
 Member of Department Management Council (Department of Metallic Materials Science, Physical Metallurgy)
 Director of Master Program (Metallic Materials for Medicine)
 Director of national R&D projects (Orizont 2000, Relansin, CERES, PN2-Partnerships)
 Director of CNCSIS GRANT

Technical skills and competences	<p>Silver Medal for the Patent A 2006/00207 „Process and installation for Ti and Ti alloys obtaining by electrochemical process” – XII International Congress for Inventions, Scientific Research and New Technologies” Bucharest, 7-11 oct.2008</p> <p>Modelling of materials properties and technologies</p> <p>Metal Working Technologies (Forging, Rolling, Drawing, Extrusion)</p> <p>Heat Treatments</p> <p>Surface Engineering</p> <p>Co-Author of 3 invention patents</p>
Computer skills and competences	<p>Teaching experience in Microsoft Office Suite, Mimics, AutoCAD, MATLAB, Mathcad</p> <p>Experienced user with CATIA, SolidWorks, ANSYS, Mimics, 3-matic, Comsol Multiphysics</p> <p>Programing skills in FORTRAN, Pascal, C, Basic, MATLAB, Mathcad</p> <p>Some experience with HSC Chemistry</p>
Additional information	<p>Evaluator for national programmes: RELANSIN, MATNANTECH, (CNMP and CNCSIS)</p> <p>Evaluator for EUREKA! Programme – EUROSTARS EXPERTS</p> <p>Reviewer for: Materials Science and Engineering B, Key Engineering Materials, Solid State Phenomena, The Scientific Bulletin - UPB</p> <p>Publications: 18 books and manuals for students, 43 papers at internal and international conferences and congresses, 39 articles (9 in ISI journals and proceedings)</p>