



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Mitelea, Ion**
 Address(es) Episcop Augustin Pacha, nr. 3, ap.10, 300055, Timisoara
 Telephone(s) +40256403650
 Fax(es)
 E-mail ion.mitelea@upt.ro
 Nationality Romanian
 Date of birth 12.09.1946
 Gender male



Desired employment / Occupational field

Work experience

Dates	1992 - present	1985-1992
Occupation or position held	Univ. Prof.	Assoc. Prof.
Main activities and responsibilities	Teaching and research activity	Teaching and research activity
Name and address of employer	"Politehnica" University of Timisoara	"Politehnica" University of Timisoara
Type of business or sector	Higher education	Higher Education
Dates	1977-1985	1969-1977
Occupation or position held	Lector	Univ. Assist.
Main activities and responsibilities	Teaching and research activity	Teaching and research activity
Name and address of employer	Politehnica" University of Timisoara	"Politehnica" University of Timisoara
Type of business or sector	Higher education	Higher Education

Education and training

Dates	1970-1977	1964-1969
Title of qualification awarded	PhD Student	Student
Principal subjects/occupational skills covered	Doctor degree	Engineering degree
Name and type of organisation providing education and training	"Politehnica" University of Timisoara Mechanical Faculty for Engineering Technische Hochschule Aachen, Germany Westfälische Hochschule Gelsenkirchen, Germany Technische Universität Dortmund, Germany	"Politehnica" University of Timisoara Mechanical Faculty for Engineering

Level in national or international classification	ISCED 6																																																		
Personal skills and competences																																																			
Mother tongue(s)	Romanian																																																		
Other language(s)	English, German, French																																																		
Self-assessment																																																			
<i>European level (*)</i>																																																			
Language																																																			
Language																																																			
Language																																																			
	<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>B1</td><td>Independent</td><td>B1</td><td>Independent</td><td>B1</td><td>Independent</td><td>B1</td><td>Independent</td><td>B1</td><td>Independent</td></tr><tr><td>B2</td><td>Independent</td><td>B2</td><td>Independent</td><td>B2</td><td>Independent</td><td>B2</td><td>Independent</td><td>B2</td><td>Independent</td></tr><tr><td>B1</td><td>Independent</td><td>B1</td><td>Independent</td><td>B1</td><td>Independent</td><td>B1</td><td>Independent</td><td>B1</td><td>Independent</td></tr></table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				B1	Independent	B1	Independent	B1	Independent	B1	Independent	B1	Independent	B2	Independent	B2	Independent	B2	Independent	B2	Independent	B2	Independent	B1	Independent	B1	Independent	B1	Independent	B1	Independent	B1	Independent
Understanding				Speaking				Writing																																											
Listening		Reading		Spoken interaction		Spoken production																																													
B1	Independent	B1	Independent	B1	Independent	B1	Independent	B1	Independent																																										
B2	Independent	B2	Independent	B2	Independent	B2	Independent	B2	Independent																																										
B1	Independent	B1	Independent	B1	Independent	B1	Independent	B1	Independent																																										
	(*) Common European Framework of Reference for Languages																																																		
Social skills and competences	Good ability to work both individually and in teams																																																		
Organisational skills and competences	Good ability to organize research and teaching																																																		
Technical skills and competences	Experience in advanced materials science Surface Engineering techniques Joining processes and moderns investigations techniques (SEM microscopy, XRD diffraction, cavitation and corrosion and wear testing)																																																		
Computer skills and competences	Microsoft Office, Internet																																																		
Artistic skills and competences	-																																																		
Other skills and competences	Member of Multidisciplinary Research Association of the West Area of Romania (ACMV) Romanian Welding Society (ASR)																																																		
Driving licence	Category B																																																		
Additional information	23 Books for specialists and student About 542 scientific papers published in journals and proceedings, (83 indexed in Web of Science) Member of the research teams in 104 grants/contracts (21 as project leader)																																																		

Books in Central Publishing Houses, 2009 - 2014 :

- I. Mitelea, I.D. Uțu : Selecția, utilizarea și reciclarea materialelor ingineresti, Editura Politehnica Timișoara, 2014, 416 pag., ISBN 978-606-554-866-4
- I. Mitelea : Știința materialelor – I - , Editura Politehnica Timișoara, 2009, 283 pag., ISBN 978-973-625-827-5 (vol.I)
- I. Mitelea : Știința materialelor – II - , Editura Politehnica Timișoara, 2010, 415 pag., ISBN 978-606-554-035-4 (vol II)
- I. Mitelea, M. Vlaicu : Selecția materialelor și a proceselor de fabricație, Editura Politehnica Timișoara, 2011, 453 pag., ISBN 978-606-554-058-3

ISI Quoted Articles, 2014 – 2015 :

- **Cavitation Erosion of Laser-Nitrided Ti-6Al-4V Alloys with the Energy Controlled by the Pulse Duration**
Mitelea I, Dimian E., Bordeasu I., Craciunescu C.
TRIBOLOGY LETTERS, Volume: 59, Issue: 2, DOI: 10.1007/s11249-015-0558-6, Published: AUG 2015
- **Ultrasonic cavitation erosion of a duplex treated 16MnCr5 steel**
Mitelea I., Ghera C, Bordeasu I, Craciunescu CM
INTERNATIONAL JOURNAL OF MATERIALS RESEARCH, Volume: 106, Issue: 4, Pages: 391-397, DOI: 10.3139/146.111188, Published: APR 2015
- **SNMS investigations of thermally sprayed coatings**
Utu ID, Mitelea I.
MATERIALS TESTING, Volume: 57, Issue: 3, Pages: 267-272, Published: MAR 2015
- **Ultrasonic cavitation erosion of nodular cast iron with ferrite-pearlite microstructure**
Mitelea I., Bordeasu I., Pelle M., Craciunescu C.
ULTRASONICS SONOCHEMISTRY, Volume: 23, Pages: 385-390, DOI: 10.1016/j.ultsonch.2014.11.001, Published: MAR 2015
- **Pulsed Laser Processing of Dissimilar Ti-6Al-4V and X5CrNi18-10 Joints**
Mitelea I, Groza C., Craciunescu CM
MATERIALS AND MANUFACTURING PROCESSES, Volume: 29, Issue: 8, Pages: 975-979, DOI: 10.1080/10426914.2013.822978, Published: AUG 2014