



## Europass Curriculum Vitae

### Personal information

First name(s) / Surname(s) **Adrian Manescu**

**Present occupational field** **Management, business administration**

**Past occupational field** **(bio)materials scientist, physicist**

### Work experience

Dates 15/06/2012 →

Occupation or position held General manager

Main activities and responsibilities Administration, Business development

Name and address of employers SafeFleet Srl, Via Marsala 12, Ancona, Italy

Type of business sector ICT

Dates 01/10/2007 →

Occupation or position held Teaching Professor

Main activities and responsibilities Teaching Physics I

Name and address of employer Università Politecnica delle Marche, Via Lodovico Menicucci, 6, 60121 Ancona (Italy)

Type of business or sector Education

Dates 30/01/2013 – 31/07/2016

Occupation or position held Visiting Professor

Main activities and responsibilities Theoretical and experimental aspects of non-destructive investigations in orthodontics and regenerative medicine

Name and address of employer University of Medicine and Pharmacy "Victor Babes" Timisoara, Romania

Type of business or sector Research, Education

Dates 01/01/2003 – 31/07/2016

Occupation or position held Biophysicist

Main activities and responsibilities Non-destructive materials and biomaterials testing, regenerative medicine and tissue engineering

Name and address of employer Università Politecnica delle Marche, Via Lodovico Menicucci, 6, 60121 Ancona (Italy)

Type of business or sector Research, Education

Dates	01/02/1998 - 30/06/2001
Occupation or position held	Physicist
Main activities and responsibilities	Non-destructive materials testing PhD position in Biophysics and biochemistry
Name and address of employer	Università Politecnica delle Marche Piazza Roma 22, 60100 Ancona (Italy)
Type of business or sector	Research, Education

Dates	01/10/1997 - 31/01/1998
Occupation or position held	Physicist
Main activities and responsibilities	Non-destructive materials testing
Name and address of employer	National R&D Institute for Welding and Material Testing Bd. Mihai Viteazu 30, 300222 Timisoara (Romania)
Type of business or sector	Research institute

### Education and training

Dates	15/09/1989 - 30/06/1993
Title of qualification awarded	Junior programmer
Principal subjects / occupational skills covered	Informatics, mathematics, physics
Name and type of organisation providing education and training	"Grigore Moisil" High School Str. Ghirlandei 4, 300231 Timisoara (Romania)
Level in national or international classification	Baccalaureate

Dates	01/10/1993 - 30/06/1997
Title of qualification awarded	Diploma in Physics
Principal subjects / occupational skills covered	General physics
Name and type of organisation providing education and training	West University (University) Bd. Vasile Parvan 4, 300223 Timisoara (Romania)
Level in national or international classification	University degree in Physics, B.Sc.

Dates	01/10/1998 - 30/09/2002
Title of qualification awarded	PhD in Biochemistry and Biophysics
Principal subjects / occupational skills covered	Biophysics, Materials Science PhD Thesis: "Influence of plasma spray parameters on the characteristics of a compositional gradient Ti + HA coating on Ti6Al4V substrate for biomedical applications"
Name and type of organisation providing education and training	Universita Politecnica delle Marche (University) Piazza Roma 22, 60100 Ancona (Italy)
Level in national or international classification	PhD

## Personal skills and competences

Mother tongue(s)

**Romanian**

Other language(s)

Self-assessment

European level (\*)

**English**  
**Italian**  
**German**  
**French**  
**Hungarian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
B1	Independent user	B2	Independent user	B2	Independent user	B1	Independent user	B2	Independent user
B1	Independent user	B1	Independent user	A2	Basic User	A2	Basic User	A2	Basic User
A2	Basic User	A2	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(\*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

- Extremely organised person
- Excellent abilities for synthetic and global views over concrete situations
- Good communication and presentation skills gained during various talks
- Result-oriented work capacity
- Problem-solving attitude and skills
- Responsibility, Self-respect and self-reliance
- Strong referential values of fairness, equity and dignity
- Team spirit gained during the participation in various EU research projects
- Good ability to adapt to and work in new multicultural environments acquired by living and studying in a foreign country in an international environment.

Organisational skills and competences

- Large experience in team and project management, as a result of participating to about 10 EU research projects; being involved in project coordination, responsible of different workpackages and tasks. List of the projects I was involved in:

1. Brite-Euram "Development of Models for the Prediction of the In-Service Performance Of MMC components" MISPOM - Coordinator: *Aerospitale – F (01/04/97)*, Contract no: BRPR-CT97-0396.
2. Inco-Copernicus "Industrially relevant know-how exchange and transfer in the field of thermal coatings with high-tech materials" COATRANS - Coordinator: *University of Ancona (Italy) (18/12/98)*, Contract no: ERBIC15CT980815
3. Inco-Copernicus "Composite apatite-base ceramics implants for surgery: research, development and small-scale production" CABICIS - Coordinator: *University of Ancona (Italy)(18/12/98)*, Contract no: ERBIC15 CT98 0816
4. Thematic Network "Training Industry in Neutron Strain Scanning" TRAINSS - Coordinator: *Rutherford Appleton Laboratory – UK (01/01/98)*, Contract no: BRRT-CT96-0028
5. CRAFT project: "Development of improved casting technology for silver jewelery", AGCASTJEWEL, Coordinator: FEM, Germany, Contract no: G1ST-CT-2002-50174
6. EUMEDIS "The European Virtual Institute for Jewellery Technology " VI-JET- Coordinator: *EJTN GEIE.(01/01/2002)*, Contract no: G7RT-CT-2001-05065
7. Network of Excellence "Knowledge-based Multicomponent Materials for Durable and Safe Performance", KMM-NoE, Contract no: 502243.
8. CRAFT "A Challenge for Materials Science: Bringing True Baroque and Medieval Sound Back to Life in Historic and New Pipe Organs", TRUESOUND, Coordinator: Max-Planck Institute Stuttgart (Germany), Contract no: COOP-CT-2004-005876
9. Collaborative project FP7: "Micro and Nanocrystalline Functionally Graded Materials for Transport Applications" (MATRANS), Co-ordinator: KMM-VIN, Grant agreement no: 228869.
10. FP7 – SCIENCE-IN-SOCIETY-2010-1, Immersion in the Science Worlds through the Arts (ISWA), Co-ordinator: Università Politecnica delle Marche, Ancona (Italy), Grant agreement no: 266656.

	<ul style="list-style-type: none"> <li>- Experience in organizing events, like Summer Schools, Workshops and Conferences.</li> <li>- Seven years of teaching experience at University level.</li> </ul>
Technical skills and competences	<p>Large experience in non-destructive materials and biomaterials testing, microstructural investigations, micro computed tomography investigations for regenerative medicine and tissue engineering, residual stress analysis, etc., using different techniques:</p> <ul style="list-style-type: none"> <li>- Synchrotron radiation micro computed tomography, Neutron and X-rays scattering: neutron / X-ray diffraction, Small angle neutron/ X-ray scattering.</li> <li>- Scanning electron microscopy, transmission electron microscopy, atomic force microscopy.</li> </ul>
Computer skills and competences	<p>Excellent Computer Proficiency, in:</p> <ul style="list-style-type: none"> <li>- Microsoft Office suite</li> <li>- PC Operation Systems: Windows, Mac iOS</li> <li>- Networking</li> <li>- Data analysis softwares like: VGStudio Max, Kaleidagraph, Origin, etc</li> </ul> <p>Technical and Practical Abilities in Desk Equipment.</p>
Artistic skills and competences	<p>Photography</p>
Other skills and competences	<p>Trekking, 7 years of professional table tennis, protection of nature and environment (former member or Connaitre e Proteger la Nature).</p>
<b>Additional information</b>	<p>Membership of Professional Bodies:</p> <p>CNISM – Consorzio Nazionale Interuniversitario per le Scienze Fisiche della Materia, Italy  Romanian Society of Neutron Scattering, Romania</p> <p>Participated to more than 25 conferences and summer schools, with keynotes lectures.</p>