



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	Telecom, IT
Dates	30/01/2013 →
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, DISCO Department, Via Tronto 10, 60126 Ancona (Italy)
Type of business or sector	Research, Education
Dates	01/10/2007 →
Occupation or position held	Teaching Professor
Main activities and responsibilities	Teaching Physics
Name and address of employer	Università Politecnica delle Marche, Faculty of Agriculture, Piazza Roma 22, 60100 Ancona (Italy)
Type of business or sector	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: *Aerospaziale – 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"> - Experience in organizing events, like Summer Schools, Workshops and Conferences. - Seven years of teaching experience at University level.
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"> - Synchrotron radiation micro computed tomography, Neutron and X-rays scattering: neutron / X-ray diffraction, Small angle neutron/ X-ray scattering. - Scanning electron microscopy, transmission electron microscopy, atomic force microscopy.
Computer skills and competences	<p>Excellent Computer Proficiency, in:</p> <ul style="list-style-type: none"> - Editing: Microsoft Word, Microsoft PowerPoint, AdobePageMaker, AdobeAcrobat(Writer/Reader) - Databases: MicrosoftAccess, MicrosoftExcel - PhotoEditing: AdobePhotoShop, CorelPhotoPaint - PC Operation Systems: Windows 2000 to Windows 7, Mac iOS - Networking: WWW, OutlookExpress, MicrosoftOutlook, HTMLScript - Data analysis softwares like: VGStudio Max, Kaleidagraph, Origin, etc <p>Programming: Pascal, C++.</p> <p>Technical and Practical Abilities in Desk Equipment.</p>
Artistic skills and competences	Photography, decoration.
Other skills and competences	Cooking, reading, 7 years of professional table tennis, protection of nature and environment (former member of Connaitre e Proteger la Nature).
Driving licence(s)	B
Additional information	<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 lectures or posters.</p> <p>Invited talks to different Universities and Research centres; some of them:</p> <ul style="list-style-type: none"> - Invited talk at BNC Budapest (Hungary), February 2006 “Microstructural characterization and residual stress analysis in historic organ reed tongues ” - Keynote lecture at the 22nd International conference on surface modification technologies, Trollhattan (Sweden), 22-24.09.2008. “Residual stress analysis by neutron and X-ray diffraction, possibilities and limitations” - Keynote lecture at International School on advanced material science and technology “G. Occhialini”, 11th edition, Jesi (Italy), 03.09.2009 “Structural investigations by Atomic Force Microscopy” - Invited talk at the 4th International conference on Innovative technologies for joining advanced materials, Timisoara (Romania), 10-11.06.2010.

- Invited talk at BIOCERAMICS 25 International conference: "High resolution x-ray tomography and holotomography for non-invasive characterization of biomaterials and biological systems", Bucharest 2013.
- Invited talk at REDEOR International Conference: "From Orthopedics to Neurology – 3D Investigations by Synchrotron Radiation Micro Computed Tomography", Venice 2015.
- Keynote lecture at BIOREMEDIATION 2015 International conference: "High resolution x-ray micro computed tomography and holotomography as 3D non-invasive characterization methods for biomaterials and regenerative medicine applications in the fields of orthopedics and dentistry", Baile Felix 2015.