

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Alin Cristian Teuşdea**

Nationality Romanian

Gender Male

Work experience

1.Dates From September 1992 to January 1997

Occupation or position held Junior university-lecturer

Main activities and responsibilities Teaching and research work in Atomic and Molecular Physics, Atomic and Molecular spectroscopy, Optics and Spectroscopy, Finite Symmetry Group Theory

Name and address of employer West University of Timisoara, Faculty of Physics, Department of Condensed Matter

Type of business or sector Education; Optics, Spectroscopy, Plasma and Lasers research

2.Dates From January 1997 until present

Occupation or position held Junior and Senior university-lecturer

Main activities and responsibilities Teaching and research work in Physics, Biophysics, Applied Physics for Forestry Department and Food Engineering Department

Name and address of employer University of Oradea, Faculty of Environmental Protection, Department of Animal Husbandry and Agro-tourism

Type of business or sector Education; Physics and Applied Physics in Engineering field research

3.Dates From September 23th 2012 to September 29th 2012

Occupation or position held Senior-lecturer

Main activities and responsibilities Teaching

Name and address of employer North Karelia University of Applied Sciences, Pohjois-Karjalanammattikorkeakoulu, JOENSUU, Finland, EUCX:29534; Department of Agriculture

Type of business or sector Erasmus Teaching Staff Mobility

4.Dates From September 30th 2012 to October 05th 2012

Occupation or position held Senior-lecturer

Main activities and responsibilities Teaching

Name and address of employer North Karelia University of Applied Sciences, Pohjois-Karjalanammattikorkeakoulu, JOENSUU, Finland, EUCX:29534; Department of Forestry

Type of business or sector Erasmus Teaching Staff Mobility

5.Dates From June 10th 2013 to September 17th 2013

Occupation or position held Senior-lecturer

Main activities and responsibilities Teaching

Name and address of employer ALEXANDER TECHNOLOGICAL EDUCATIONAL INSTITUTE OF THESSALONIKI, DEPARTMENT OF PLANT PRODUCTION, Thessaloniki, Republic of Greece

Type of business or sector Erasmus Teaching Staff Mobility

6.Dates	From May11th 2014 to May17th 2014
Occupation or position held	Senior-lecturer
Main activities and responsibilities	Teaching
Name and address of employer	UNIVERSITY OF RZESZOW, FACULTY OF BIOLOGY AND AGRICULTURE, DEPARTMENT OF BIOTECHNOLOGY, Rzeszow, Poland
Type of business or sector	Erasmus Teaching Staff Mobility
7.Dates	From May04th 2014 to May09th 2015
Occupation or position held	Senior-lecturer
Main activities and responsibilities	Teaching
Name and address of employer	UNIVERSIDAD DE VALLADOLID, ESCUELA TÉCNICA SUPERIOR DE INGENIERÍAS AGRARIAS (CAMPUS UNIVERSITARIO DE PALENCIA), PALENCIA, SPAIN DEPARTMENT OF FOOD SCIENCE & TECHNOLOGY
Type of business or sector	Erasmus Teaching Staff Mobility
8.Dates	From May11th 2014 to May17th 2015
Occupation or position held	Senior-lecturer
Main activities and responsibilities	Teaching
Name and address of employer	UNIVERSIDAD DE VALLADOLID, ESCUELA TÉCNICA SUPERIOR DE INGENIERÍAS AGRARIAS (CAMPUS UNIVERSITARIO DE PALENCIA), PALENCIA, SPAIN DEPARTAMENTO DE PRODUCCION VEGETAL Y RECURSOS FORESTALES
Type of business or sector	Erasmus Teaching Staff Mobility
9.Dates	From May18th 2015 to May24th 2016
Occupation or position held	Senior-lecturer
Main activities and responsibilities	Teaching
Name and address of employer	ALEXANDER TECHNOLOGICAL EDUCATIONAL INSTITUTE OF THESSALONIKI, GREECE, FACULTY OF FOOD TECHNOLOGY & NUTRITION, DEPARTMENT OF FOOD TECHNOLOGY
Type of business or sector	Erasmus Teaching Staff Mobility

Education and training

1. Dates	From September 1982 to June 1987
Title of qualification awarded	High School Degree
Principal subjects/occupational skills covered	Physics and Chemistry technician
Name and type of organisation providing education and training	"Emanuil Gojdu" High School, Oradea
2.Dates	From September 1987 to July 1992
Title of qualification awarded	Physicist (teacher) and Optics, Spectroscopy, Plasma and Lasers specialist
Principal subjects/occupational skills covered	Physics Student, Research activities
Name and type of organisation providing education and training	West University of Timisoara, Faculty of physics
3.Dates	From September 1996 to September 2004
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Contributions to optical and hybrid joint transform correlators
Name and type of organisation providing education and training	Technical University "Politehnica" of Timisoara, Faculty of Electronics and Telecommunications engineering, Department of Measurements and Opto-electronics, Timisoara, Romania
4.Dates	From September 1998 to September 2009
Title of qualification awarded	Survey and Geodesy Engineer
Principal subjects/occupational skills covered	Surveyor

Name and type of organisation providing education and training University of Oradea, Faculty of Architecture and Construction, Geodesy and Topography Department

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) **English**

Self-assessment

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

Social skills and competences - team work: I have worked in interdisciplinary research teams.
- good communication skills gained through my experience as congress and conferences attendant.

Organisational skills and competences - leadership (currently responsible for a team of 3 students);
- sense of organisation (experience in organizing practical applications with students and international conferences);
- good experience in project or team management;
- good experience in international conference team work.

Technical skills and competences - good command of quality teaching and research processes
(I was responsible for the implementation of quality audit in my former department);

- Computer vision – image processing, colour image analysis of horticultural, agricultural and food products;
- Fourier optics and Fourier digital correlation ;
- Pattern recognition – human biometrics (face, fingerprint, iris), biometrics of beetle systems of galleries; amphetamine GC-FTIR spectral discrimination; sheep milk and dairy GC-FID chromatograms discrimination;
- UV-VIS and FTIR spectroscopy;
- Spectral Analysis in Remote Sensing: hyperspectral analysis of forestry ROIs (range of interest);
- Statistics – univariate (ANOVA, GLM, Van der Waerden statistical tests) and multivariate (PCA, MANOVA, CVA, HCA, CCA, PLS-DA, ANOSIM etc.) for agricultural, forestry and food science applications.
- Environmental impact assessment of vibro-combinators soil tillage on the seedbed.

Computer skills and competences - good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™); Corel Paint Shop Pro™; MathCAD™;
- programmer in Visual Delphi Pascal™ (software developer);
- basic knowledge of Adobe Acrobat™; MapSys™; Golden Software Surfer™; Chief Architect™;
- basic knowledge of MiniTAB™, The Unscrambler™, Statistica™, SPSS™, Origin™, SYStat™ .

Artistic skills and competences Photography

Other skills and competences vegetable gardening

Driving licence Category B

Additional information

Author of:

1 scientific book (2012) in Romanian language, **Alin C. Teusdea**, *Fizică generală prin aplicații practice*, Editura Universității din Oradea, 2012, cod 149, Ed. a 2-a, rev., ISBN 978-606-10-0778-3, 53(075.8)

1 scientific book Vicas Sl., **Teusdea A.**, Laslo V., (2015), *The changes of some secondary metabolites from fruits and vegetables grown under organic and conventional agricultural practices*, in *Green Education for a Green Economy*, Ed. Universitatii din Oradea, ISBN 978-606-10-1512-2 , pp.147-159.

1 Chapter: **11** „Additive Noise Robustness of Phase-input Joint transform Correlators in Face Recognition”, **Alin C. Teusdea** and Gianina Adela Gabor, University of Oradea, Romania, pp. 225-248 (26pg. ISBN 978-953-307-368-2, 2011) in English language scientific book: **REVIEWS, REFINEMENTS AND NEW IDEAS IN FACE RECOGNITION**, Edited by Peter M. Corcoran, InTech, Janeza Trdine 9, 51000 Rijeka. DOI: 10.5772/19174. WOS: 000378836400012 - This book is indexed in the Book Citation Index in Web of Science™ Core Collection (BKCI). BKCI is part of the Web of Science Core Collection (WoSCC) together with SCI Expanded, SSCI, AHCI and other databases.

65 national and international scientific publications:

36 ISI journal articles, **13** ISI Proceedings reports, **27** BDI – International Indexed Databases, **87** ISI citations, h-index_WOS = 4, h-index_Google = 5, h-index_Scopus = 3)

International workshops (with certifications):

- „Magnetic resonance, Imaging and Localized Spectroscopy”, Fundația Culturală Română, Academia Română și Ministerul Educației; Dates: **1996** - Brașov, **1997** – Poiana Brașov, **1998** – Neptun, Romania.
- WorkShop: „EUGISES'98” – Educational GIS, University of Utrecht, The Netherlands, September 03-06, 1998.
- Seminar: “Agenda 2030, food issue & European integration – from linear economy to circular economy” – Organised by Simone Cesaretti Foundation in University of Alba Iulia, Romania, May 26th, 2017.

Projects:

- Member in grant project 3012/ C3/ 1994, „Interacțiuni Vibronice în molecule și cristale” / “Vibronics interactions in molecules and crystals”, beneficiary: Ministerul Învățământului; value 4.5 mil. Lei; time span: 1994-1996.
- Member in International CEEPUS Project 1998 – DATE Debrecen, Faculty of Agriculture, Hungary.
- Member in International LLP Grundtvig Project: “Green Cultivations Actions”; value 311,565 Euro; time span: 2010-2012.
- Member in PN-II-PT-PCCA-2013-4-2225/170: Metode electromagnetice pentru îmbunătățirea procedurilor vinicole/ Electromagnetic methods for improving the vinification procedures; value 278,000 Euro; time span: 2014-2017 (www.wine-tech.ro).
- Member in PN-III-P2-2.1-PED-2016-1846: Nanoparticule de seleniu îmbogățite cu probiotice ca alimente funcționale împotriva toxicității induse de metale grele/ Probiotics enriched selenium nanoparticles as functional food for decreasing the heavy metals toxicity; value 131,000 Euro; time span: 2017-2018.
- Director of PN-III-P2-2.1-CI-2017-0428, Nr. 119CI/2017 Optimizarea procesului tehnologic de obținere a unor produse naturale inovatoare cu impact pozitiv asupra sănătății umane; http://ateusdea.ro/proiect_01_NR119CI.php.

Scientific society member:

- Societatea Română de Fizică - SRF;
- European Physics Society - EPS;
- Balkan ENvironmental Association – BENA, Alexander Technological Educational Institute of Thessaloniki, Greece.
- Danube Adria Association for Automation and Manufacturing – DAAAM, TU Wien, Austria.

✓ Organizing committee member of “The Annual International Conference of the Romanian Society of Biochemistry and Molecular Biology”, June 05th-07th 2014, Baile Felix, Romania.