



## Europass Curriculum Vitae



### Personal information

Surname(s) / First name(s) **Adrian Liviu CIUTINA**

Address(es)

Telephone(s)

Fax(es)

E-mail

Nationality

Date of birth

Gender

### Occupational field **Academic**

#### Work experience

Dates 2017 - present

Occupation or position held Professor

Main activities and responsibilities Teaching and research: Foundations, Steel and Composite Steel and Concrete Structures, Sustainability and life cycle analysis of building structures

Name and address of employer "Politehnica" University in Timisoara

Type of business or sector Academic

Dates 2008 – 2017

Occupation or position held Associate Professor

Main activities and responsibilities Teaching and research: Steel Structures, Composite Steel and Concrete Structures, Sustainability and life cycle analysis of building structures

Name and address of employer "Politehnica" University in Timisoara

Type of business or sector Academic

Dates 2004-2008

Occupation or position held Senior lecturer

Main activities and responsibilities Teaching and research.

Name and address of employer "Politehnica" University in Timisoara

Type of business or sector Academic

Dates 2004 (febr-aug)

Occupation or position held Assistant professor (Temporary position)

Main activities and responsibilities Teaching and research.

Name and address of employer INSA de Rennes, France

Type of business or sector	Academic
Dates	2003 (sept–oct)
Occupation or position held	Research training stage
Main activities and responsibilities	Research
Name and address of employer	INSA Rennes, France (scholarship of the AUF – Agence Universitaire de la Francophonie)
Type of business or sector	Academic
Dates	Feb. 2001-April 2003
Occupation or position held	Researcher
Main activities and responsibilities	Three Doctoral Stages, Research
Name and address of employer	INSA Rennes, France (co-tutorship, French Governmental Scholarship)
Type of business or sector	Academic
Dates	2000 (Jan. – Feb.)
Occupation or position held	Researcher
Main activities and responsibilities	Doctoral Research Stages
Name and address of employer	Liege University, Belgium
Type of business or sector	Academic
Dates	1998 (Feb.-Aug.)
Occupation or position held	Master Student (TEMPUS scholarship)
Main activities and responsibilities	Master Degree
Name and address of employer	National Technical University of Athens, Greece
Type of business or sector	Academic
Dates	1997 (March-May)
Occupation or position held	Researcher
Main activities and responsibilities	Graduation Work (scholarship)
Name and address of employer	University of Trento, Italy. (European project TEMPUS)
Type of business or sector	Academic

## Education and training

Dates	2003
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Civil Engineering,
Name and type of organisation providing education and training	"Politehnica" University of Timisoara, Romania and INSA de Rennes, France
Dates	1997-1998
Title of qualification awarded	Master's degree in Civil Engineering (MSc)
Principal subjects/occupational skills covered	Civil Engineering
Name and type of organisation providing education and training	"Politehnica" University of Timisoara, Civil Engineering Faculty
Dates	1992-1997
Title of qualification awarded	Diploma in Civil Engineering (BSc)
Principal subjects/occupational skills covered	Civil Engineering
Name and type of organisation providing education and training	"Politehnica" University of Timisoara, Civil Engineering Faculty

Level in national or international classification	ISCED 6																																								
<b>Personal skills and competences</b>																																									
Mother tongue(s)	<b>Romanian</b>																																								
Other language(s)																																									
Self-assessment																																									
European level (*)																																									
<b>English</b>																																									
<b>French</b>																																									
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	(*) Common European Framework of Reference for Languages																																								
Social skills and competences	Good communication, coordination skills and team worker.																																								
Organisational skills and competences	<ol style="list-style-type: none"> <li>Coordinator of several research programs;</li> <li>Director of the Quality Assurance department at Politehnica University of Timisoara (since 2018)</li> <li>National Representative in Technical Committee TC11 (Composite Structures) and TC14 (Sustainability &amp; Eco-Efficiency of Steel Construction) of the European Convention for Constructional Steelwork (ECCS);</li> <li>Organization of several international and national conferences and symposiums, connected to my area of interest.</li> </ol>																																								
Technical skills and competences	<p>Technical skills in the field of construction developed by contact with practice and experience in several fields: erection of constructions and design of steel structures.</p> <p>Prizes:</p> <ul style="list-style-type: none"> <li>2019: Romanian Academy "Anghel Saligny" award in 2019</li> <li>2007: "ECCS European Award for Steel Structures 2007" for design of the Tower Center International building in Bucharest (team D. Dubina, F. Dinu, A. Stratan, A. Ciutina).</li> <li>2003: "ECCS European Award for Steel Structures 2003" for design of the Banc Post building in Timisoara (team D. Dubina, F. Dinu, A. Stratan, A. Ciutina)</li> </ul>																																								
Computer skills and competences	Good computer skills as a result of initial training and daily activity. Use of computer codes built for structural modeling and design (CAD and FEM), office activities and communications: SAP2000, ETABS, Simapro, Microsoft Office, AutoCAD, data acquisition programs.																																								
<b>Additional information</b>	<p>Affiliation to professional and scientific organizations:</p> <ul style="list-style-type: none"> <li>European Convention for Constructional Steelwork (ECCS);</li> <li>AICPS (Structural Engineers Association from Romania)</li> <li>APCMR (Romanian Convention for Constructional Steelwork)</li> <li>AGIR-SBIS - Romanian Association of Engineers, Banat Seismic Society</li> </ul>																																								
<b>Annexes</b>	<p>Publications –( selection):</p> <ol style="list-style-type: none"> <li>Don, Rafaela; Ciutina, Adrian; Vulcu, Cristian; Stratan, Aurel, Seismic-resistant slim-floor beam-to-column joints: experimental and numerical investigations, Steel and Composite Structures, ISSN 1229-9367, eISSN 1598-6233, 2020 Volume 37 Issue 3, pp. 307-321, DOI 10.12989/scs.2020.37.3.307</li> <li>JF Demonceau, A Ciutina; Characterisation of beam-to-column steel-concrete composite joints beyond current Eurocode provisions, Structures no. 21, oct 2019, ISSN 2352-0124, pp 167-175, 2019, DOI 10.1016/j.istruc.2019.01.014</li> <li>C Vulcu, A Stratan, A Ciutina, D Dubina Beam-to-CFT high-strength joints with external diaphragm. I: Design and experimental validation, Journal of Structural Engineering 143 (5), ISSN 0733-9445, 2017, DOI 0.1061/(ASCE)ST.1943-541X.0001693</li> <li>C Vulcu, A Stratan, A Ciutina, D Dubina, Beam-to-CFT high-strength joints with external diaphragm. II: Numerical simulation of joint behavior, Journal of Structural Engineering 143 (5),</li> </ol>																																								

ISSN 0733-9445, 2017, DOI 0.1061/(ASCE)ST.1943-541X.0001709

5. A Floricel, G Zagari, V Ungureanu, A Ciutina, Structural solutions based on intensive use of steel for over-roofing of existing precast concrete panel buildings, *Advances in Structural Engineering* 19 (12), ISSN 1369-4332, pp.1940-1948, 2016, DOI 10.1177/1369433216653507.
6. A. Ciutina, G. Danku, D. Dubina, „Influence of steel-concrete interaction in dissipative zones of frames: I – Experimental study” *Steel and Composite Structures*, Vol. 15, No. 3 (2013), ISSN 1229-9367, pp: 299-322.
7. G. Danku, A. Ciutina, D. Dubina, „Influence of steel-concrete interaction in dissipative zones of frames: II – Numerical study” *Steel and Composite Structures*, Vol. 15, No. 3 (2013), ISSN 1229-9367, pp: 323-348.
8. A. Ciutina, Tuca, Iulia, Ugureanu, Viorel, Dubina Dan “Design of Buildings Including Environmental Impact”, *Environmental Engineering and Management Journal*, Vol. 9-2010 ISSN 1582-9596, pp. 1121-1133
9. A.L. Ciutina, and D. Dubina “Column Web Stiffening of Steel Beam-to-Column Joints Subjected to Seismic Actions” *ASCE, Journal of Structural Engineering*, Vol.134, No.3, Mar. 2008, ISSN 0733 – 9445, pp.505-511
10. A.L. Ciutina, and D. Dubina. “Seismic behaviour of steel beam-to-column joints with column web stiffening” *International Journal of Steel & Composite Structures*, ISSN 1229-9367 Vol.6, No.6, Dec.2006, pp.493-512

Research programmes: member of research team

1. RFSR-CT-2009-00024 HSS-SERF 01.07.2009-31.06.2012. "High Strength Steel in Seismic Resistant Building Frames - HSS-SERF", Financing authority: Research Fund for Coal and Steel. Total value: 101,736 EUR (member in the research team).
2. FP6 INCO-CT-2004-509119/2003 (2003-2008): "Earthquake Protection of Historical Buildings by reversible Mixed Technologies - PROHITECH". Financing authority: European Commission. Value: 182,854 EUR (member in the research team).

International Grants: member of research team

1. "COST C25, 2006-2010: Programul European de cercetare COST C25 " Sustainability of Constructions - Integrated Approach to Life-time Structural Engineering" Beneficiar: EU RTD Framework Programme 2006-2010
2. RFS2-CT-2013-00016: "Large Valorisation on Sustainability of Steel Structures – LVS3". Period: 2013-2014. Beneficiary: RFCS - Research Fund for Coal and Steel, Beneficiar EU, Research Commission for Coal and Steel 2013-2014

Romanian National Grants (selection): member of research team, project coordinator (2)

1. ERA-NET, 3002/2011: "INSPIRE - Integrated strategies and policy instruments for retrofitting buildings to reduce primary energy use and GHG emissions". Beneficiar: MECTs, 2010-2012
2. Grant tip PNCDI II – program 4, nr. 3175: "Sisteme structurale si solutii tehnologice inovative pentru protectia cladirilor la actiuni extreme in contextul cerintelor pentru dezvoltare durabilă". Beneficiar: MEC 2007-2010
3. Contract 55/2012 (PN-II-PT-PCCA-2011-3.2-1303): „Conceptia structurala si proiectarea pe baza controlului mecanismului de cedare a structurilor multietajate supuse la actiuni accidentale (CODEC)", MDRT 2012, (membru în echipa de cercetare). 2012-2015.
4. "Ductile Composite Beam-to-Column Connections for Composite Moment-Resisting Frames Located in Seismic Areas" for the National Agency, Science, Technology and Innovation, Contract 437/1997, act aditional 78/2000/II.