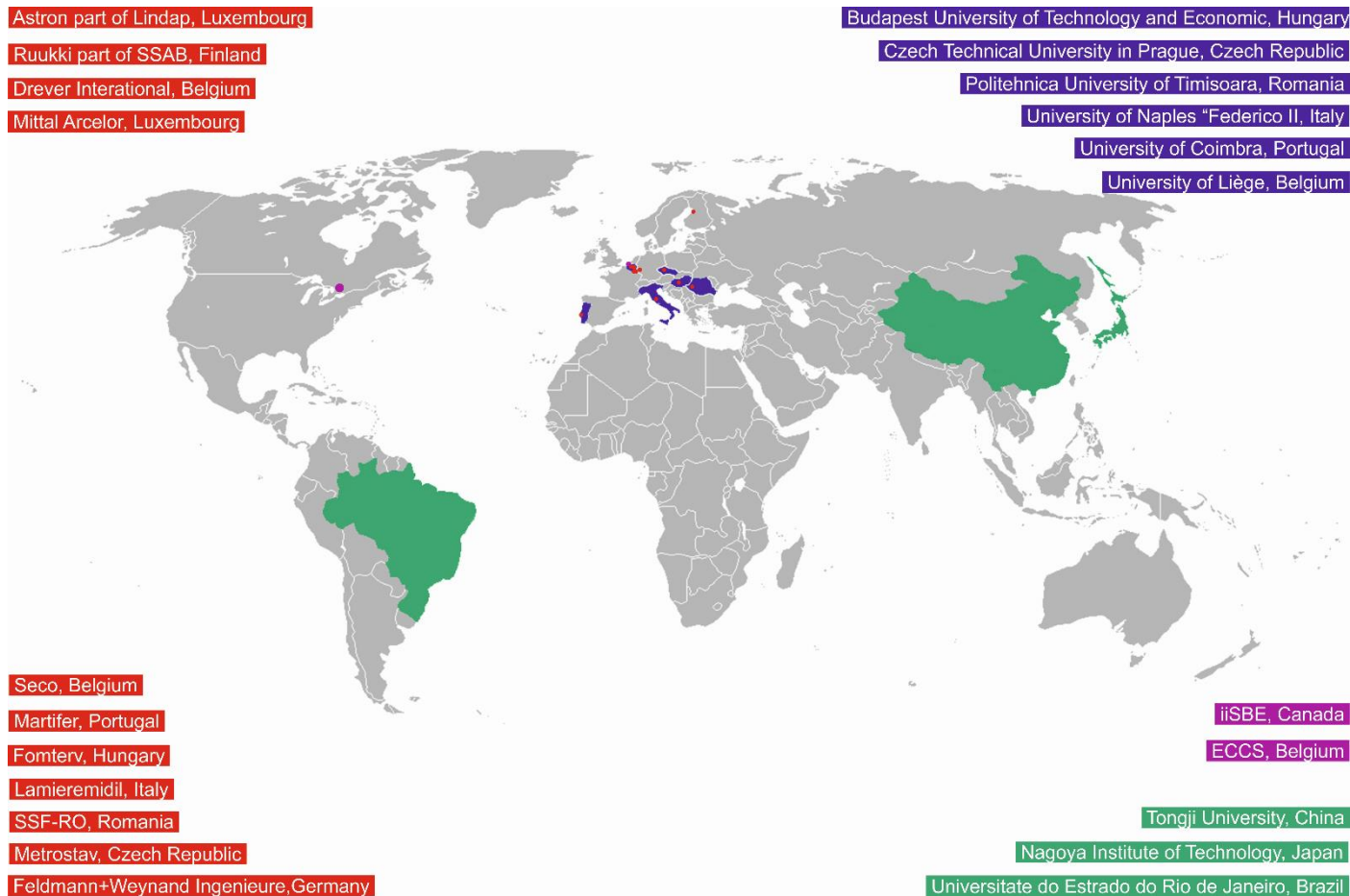


Application

for Erasmus Mundus Joint Master Degrees (EMJMD) 2017

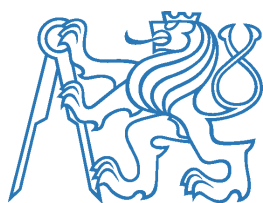
Sustainable Constructions under Natural Hazards and Catastrophic
Events

SUSCOS_M



ANNEX 6

CV's OF KEY EXPERTS



Josef MACHACEK

Full Professor

Department of Steel and Timber Structures,
Faculty of Civil Engineering, Czech Technical
University in Prague

CZECH REPUBLIC



Contacts

Department of Steel and Timber Structures, Faculty of Civil Engineering,
Thakurova 7, 166 29 Czech Technical University in Prague

Tel.: +420 224 354 916

Fax: +420 233 337 466

e-mail: machacek@fsv.cvut.cz

URL: <http://people.fsv.cvut.cz/~Machacek>

Degrees

<input type="checkbox"/>	Ing.	Civil Engineering	CTU in Prague	1967
<input type="checkbox"/>	CSc.	Civil Engineering	CTU in Prague	1977
<input type="checkbox"/>	DrSc.	Civil Engineering	CTU in Prague	1990
<input type="checkbox"/>	Doc. Hab.	Steel Structures	CTU in Prague	1991
<input type="checkbox"/>	Professorship	Steel Structures	CTU in Prague	1993

Key Qualifications

- Professor of Steel and Composite Structures at the Czech Technical University of Prague;
- Former Vice-Rector for strategy of Czech Technical University in Prague;
- Former Vice-Rector for education of Czech Technical University in Prague;
- Former Vice-Dean for International relation of the Faculty of Civil Engineering of the Czech Technical University in Prague;
- Chartered Engineer.

Research focus

- Steel structures (plated structures, cold formed members, stability).
- Composite steel and concrete structures (shear connection, novel structures).
- Stainless steel structures and members.
- Steel and textile membrane structures.

References

Description	#
ISI journal	21
Non-ISI journal	42
Conferences	235
Citations	71
Book chapters	8
Text-Books	36
H index	5

Selected references (max. 10)

- Machacek, J. - Studnicka J.: Stahlbetonverbundträger mit Perfobond-Leiste. Stahlbau 68, Januar 1999, Heft 1, pp. 9-14 [ISSN 0038-9145]
- Machacek, J. - Studnicka, J.: Perforated shear connectors. Steel & Composite Structures, Int. J. Techno-press, Vol. 2, No. 1, 2002, pp. 51-66 [ISSN 1229-9367]
- Macháček, J. - Tůma, M.: Fatigue life of girders with undulating webs. Journal of Constructional Steel Research (JCSR), Vol. 62, No. 1-2, 2006, s. 168-177 [ISSN 0143-974X]
- Jandera, M. – Gardner, L. - Macháček, J.: Residual stresses in cold rolled stainless steel hollow sections, Journal of Constructional Steel Research, Vol. 64, No. 11, 2008, pp. 1255-1263 [ISSN 0143-974X]
- Macháček, J. – Čudejko, M.: Longitudinal shear in composite steel and concrete trusses, Engineering Structures, Vol. 31, No. 6, 2009, s. 1313-1320 [ISSN 0141-0296]
- Jandera, M. - Macháček, J.: Residual stress influence on material properties and column behaviour of stainless steel SHS, Thin-Walled Structures, Vol. 83, October, 2014, pp. 12-18 [ISSN 0263-8231]
- Macháček, J. - Charvát, M.: Study on shear connection of bridge steel truss and concrete slab deck, J. Civil Engineering and Management [ISSN 1392-3730] doi: 10.3846/13923730.2014.976258
- Svoboda, O. - Macháček, J.: Steel arch stabilized by a textile membrane, Applied Mechanics and Materials, Trans Tech Publications, Switzerland, Vol.

	<p>821, 2016, pp 733-740 [ISSN 1662-7482]</p> <ul style="list-style-type: none"> □ Bergerova Nguyen, G. – Machacek, J.: Effect of local small diameter stud connectors on behavior of partially encased composite beams, Steel and Composite Structures, Techno Press, Volume 20, Number 2, February 2016 [ISSN 1229-9367] 																				
<p>Teaching experience</p> <table border="1" data-bbox="151 436 454 593"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td>46</td> </tr> <tr> <td>PhD supervision</td> <td>18</td> </tr> <tr> <td>MSc supervision</td> <td>50</td> </tr> <tr> <td>Lectured subjects</td> <td>15</td> </tr> </tbody> </table>	Description	#	Years of teaching	46	PhD supervision	18	MSc supervision	50	Lectured subjects	15	<table border="1" data-bbox="486 369 1460 593"> <tbody> <tr> <td>□ Under-graduate teaching</td> <td>Steel and composite structures</td> </tr> <tr> <td>□ Post-graduate teaching</td> <td></td> </tr> <tr> <td> □ MSc</td> <td>Steel and composite structures, Stability of plates, Stainless steel structures</td> </tr> <tr> <td> □ PhD</td> <td>Steel and composite structures</td> </tr> <tr> <td> □ Continuous Education</td> <td>Steel and composite structures</td> </tr> </tbody> </table>	□ Under-graduate teaching	Steel and composite structures	□ Post-graduate teaching		□ MSc	Steel and composite structures, Stability of plates, Stainless steel structures	□ PhD	Steel and composite structures	□ Continuous Education	Steel and composite structures
Description	#																				
Years of teaching	46																				
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□ Continuous Education	Steel and composite structures																				
<p>International experience</p> <table border="1" data-bbox="151 750 454 985"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Research projects</td> <td>21</td> </tr> <tr> <td>Mobility programmes</td> <td>12</td> </tr> <tr> <td>Technical boards</td> <td>5</td> </tr> <tr> <td>Conference committees</td> <td>12</td> </tr> <tr> <td>Others</td> <td></td> </tr> </tbody> </table>	Description	#	Research projects	21	Mobility programmes	12	Technical boards	5	Conference committees	12	Others		<ul style="list-style-type: none"> □ In the past responsible for 14 research grants (in total about at 480.000 EUR) (see http://people.fsv.cvut.cz/~Machacek) and co-researcher of many national research grants since 1968. □ Life-long research in the field of stability and elastic-plastic strength of thin steel plates, focused into buckling of unstiffened and stiffened plates, shear lag effects in wide flanges and interaction of buckling with shear lag. Investigation of progressive thin-walled steel elements (girders with undulating webs, stressed-skin design, arched sheeting, stainless steel elements, prestressed steel structures etc.). Research in the field of composite steel and concrete structures, especially into effectiveness of shear connection and investigation of novel shear connectors (perforated shear connectors, thin-walled shot fired shear connectors, small diameter pins etc.), investigation of truss composite girders, composite girders etc., investigation of interaction of textile membranes with steel structures. □ At the same time deeply involved in education of civil engineers (in the frame of grants from EU, like Jean Monnet, EUCEET, and activities under AECEF). 								
Description	#																				
Research projects	21																				
Mobility programmes	12																				
Technical boards	5																				
Conference committees	12																				
Others																					
<p>Cooperation with industry</p>	<ul style="list-style-type: none"> □ Many various contracts concerning design projects and courses for practicing engineers. 																				
<p>Patents</p>	<ul style="list-style-type: none"> □ 2 verified civil engineering technologies. 																				
<p>Prizes</p>	<ul style="list-style-type: none"> □ 2nd prize at Bridge design competition; □ twice 3rd prize in Bridge design competitions. 																				
<p>Languages</p>	<table border="1" data-bbox="486 1489 1460 1579"> <tbody> <tr> <td>□ English </td> <td>Fluent</td> </tr> <tr> <td>□ German </td> <td>Reading</td> </tr> <tr> <td>□ Russian </td> <td>Understanding</td> </tr> </tbody> </table>	□ English	Fluent	□ German	Reading	□ Russian	Understanding														
□ English	Fluent																				
□ German	Reading																				
□ Russian	Understanding																				



Martina ELIÁŠOVÁ

Associate Professor

Department of Steel and Timber Structures,
Faculty of Civil Engineering, Czech Technical
University in Prague

CZECH REPUBLIC



Contacts

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Fax: +420 233 337 466

e-mail: eliasova@fsv.cvut.cz

URL: <http://people.fsv.cvut.cz/~Eliasova>

Degrees

□ Ing.	Civil Engineering	CTU in Prague	1988
□ CSc.	Civil Engineering	CTU in Prague	1994
□ Doc. Hab.	Steel Structures	CTU in Prague	2014

Key Qualifications

- Associate Professor of Steel and Composite Structures, Glass Structures at the Czech Technical University of Prague;
- Member of Management Committee COST Action C13 „Glass and interactive building envelopes“ 2003 - 2004
- Member of Management Committee COST Action TU 0905 "Structural Glass- Novel Design Methods and Next generation Products" 2012 - 2014
- Member of technical committee CEN TC250 / SC11 Structural Glass

Research focus

- Glass structures (glued connection, laminated glass, hybrid structural elements, stability of glass beams and columns).
- Steel structures (connection, composite steel-concrete elements).

References

Description	#
ISI journal	3
Non-ISI journal	4
Conferences	21
Citations	5
Book chapters	5
Text-Books	0
H index	2



Selected references (max. 10)

- Machalická, K.; Eliášová, M.: Adhesive joints in glass structures: effects of various materials in the connection, thickness of the adhesive layer, and ageing [online]. International Journal of Adhesion and Adhesives. 2017, 72s. 10-22. ISSN 0143-7496.
- Kalamar, R., Bedon, Ch., Eliášová, M.: Experimental investigation for the structural performance assessment of square hollow glass columns. Engineering Structures. 2016, 113s. 1-15. ISSN 0141-0296.
- Pravdová, I., Machalická, K., Eliášová, M.: Steel-glass structural elements with a new generation of adhesives. In: Challenging Glass 5 - Conference on Architectural and Structural Applications of Glass. Ghent, 2016, p. 201-208. ISBN 9789082526806.
- Machalická, K. - Eliášová, M.: Behaviour of Glued Connections under Shear Loading. In: Key Engineering Materials. 2015, vol. 662, no. 662, p. 241-244. ISSN 1013-9826.
- Netušil, M. - Eliášová, M.: Design and evaluation of bonded composite glass beams. In: ICE Proceedings of the Institution of Civil Engineers. Structures and Buildings. 2015, vol. 168, no. 7, p. 490-499. ISSN 0965-0911.
- Machalická, K. - Eliášová, M. - Netušil, M.: Material Properties of Adhesives for Shear Bonded Connections of Structural Glass. In: Pollack Periodica, an International Journal for Engineering and Information Sciences. 2015, vol. 10, no. 2, p. 57-68. ISSN 1788-1994.
- Feldmann, M. - Kasper, R. - Eliášová, M. - Abeln, B. - Gessler, A. - et al.: Guidance for European Structural Design of Glass Components [Research Report]. Luxembourg: Publications Office of the European Union, 2014. Report EUR 26439 EN. 204 p. ISSN 1018-5593. ISBN 978-92-79-35094-8.
- Netušil, M. - Eliášová, M.: Trends and requirements for adhesives with load bearing role. In: Proceedings of the Challenging Glass 4 and COST Action TU0905 Final Conference. Leiden: CRC Press/Balkema, 2014, p. 369-374. ISBN 978-1-138-00164-0.
- Fremr, T. - Netušil, M. - Eliášová, M.: Analytic models of adhesively bonded steel-glass beams. In: Structures and Architecture, Concepts, Applications and Challenges. Leiden: CRC Press/Balkema, 2013, art. no. 39, p. 335-342. ISBN 978-0-415-66195-9.
- Netušil, M. - Eliášová, M.: Design of the Composite Steel-Glass Beams with Semi-Rigid Polymer Adhesive Joint. In: Journal of Civil Engineering and Architecture. 2012, vol. 57, no. 6, p. 1059-1069. ISSN 1934-7359.

Teaching experience		<input type="checkbox"/> Under-graduate teaching	Steel and Composite Structures, Glass structures
Description	#	<input type="checkbox"/> Post-graduate teaching	
Years of teaching	20	<input type="checkbox"/> MSc	Steel and Composite Structures,
PhD supervision	4	<input type="checkbox"/> PhD	Glass Structures
MSc supervision	35		
Lectured subjects	6		
International experience		<input type="checkbox"/> Responsible for 5 national grants and as a partner for 1 European research grants.	
Description	#	<input type="checkbox"/> 2008– 2010: Research Fund for Coal and Steel EU, RFSR-CT-2007-00036 „Development of innovative steel-glass-structures in respect to structural and architectural design“ - INNOGLAST.	
Research projects	24	<input type="checkbox"/> 2014 – 2016: GAČR č. 14-17950S „Composite Action between Glass Panes connected by polymer interlayer“	
Mobility programmes	8	<input type="checkbox"/> 2011 – 2013: grant MŠMT v programu COST č. LD11037 „Experimentální a numerická analýza kompozitních konstrukcí ze skla“	
Technical boards	3	<input type="checkbox"/> 2005 - 2007 grant GAČR 103/05/0417 „Zvýšení spolehlivosti konstrukcí ze skla“	
Conference committees	14	<input type="checkbox"/> 2005: grant MŠMT v programu COST č. 1P05OC067 „Šroubové styčníky nosných prvků ze skla“	
Others			
Cooperation with industry		<input type="checkbox"/> Various contracts concerning design projects and courses for practicing engineers, experimental evaluation of resistance mainly for glass industry.	
Patents		<input type="checkbox"/> 1 verified civil engineering technologies; 6 utility models	
Prizes		<input type="checkbox"/> -	
Languages		<input type="checkbox"/> English	Fluent
		<input type="checkbox"/> German	Reading
		<input type="checkbox"/> Russian	Understanding

 <p>Universitatea Politehnica Timișoara</p>	<p>Aurel STRATAN Associate Professor Department of Steel Structures and Structural Mechanics, Faculty of Civil Engineering, Politehnica University of Timisoara ROMANIA</p>															
<p>Contacts</p>	<p>Politehnica University of Timisoara Faculty of Civil Engineering Dept. of Steel Structures and Structural Mechanics str. Ioan Curea nr.1 Timisoara 300224, Romania Tel.: ++40 256 403923 e-mail: aurel.stratan@upt.ro URL: www.ct.upt.ro</p>															
<p>Degrees</p>	<table border="0"> <tr> <td><input type="checkbox"/> BSc</td> <td>Civil Engineering</td> <td>"Politehnica" University of Timisoara, Romania</td> <td>1997</td> </tr> <tr> <td><input type="checkbox"/> PhD</td> <td>Civil Engineering</td> <td>"Politehnica" University of Timisoara, Romania</td> <td>2004</td> </tr> </table>		<input type="checkbox"/> BSc	Civil Engineering	"Politehnica" University of Timisoara, Romania	1997	<input type="checkbox"/> PhD	Civil Engineering	"Politehnica" University of Timisoara, Romania	2004						
<input type="checkbox"/> BSc	Civil Engineering	"Politehnica" University of Timisoara, Romania	1997													
<input type="checkbox"/> PhD	Civil Engineering	"Politehnica" University of Timisoara, Romania	2004													
<p>Key Qualifications</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Associate Professor of Structural Dynamics and Seismic Engineering at the "Politehnica" University of Timisoara; <input type="checkbox"/> Technical secretary of Technical Committee TC13 "Seismic Design" of the European Convention for Constructional Steelwork (ECCS); <input type="checkbox"/> Member in CEN/TC 250/SC 8 "Eurocode 8: Earthquake resistance design of structures", European Committee for Standardization (CEN); <input type="checkbox"/> Technical committee ASRO/CT 343 "Basis of Design and Structural Eurocodes", Romanian Standards Association (ASRO); <input type="checkbox"/> Member in AICPS - Romanian Association of Structural Engineers; <input type="checkbox"/> Member in APCMR - Romanian Association of Steelwork Producers; 															
<p>Role within Suscos consortium</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Academic supervisor. 															
<p>Research focus</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Seismic Engineering <input type="checkbox"/> Steel Structures 															
<p>References</p> <table border="1" data-bbox="148 1637 435 1843"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>ISI journal</td> <td>10</td> </tr> <tr> <td>Non-ISI journal</td> <td>43</td> </tr> <tr> <td>Conferences</td> <td>123</td> </tr> <tr> <td>Citations</td> <td>54</td> </tr> <tr> <td>Book chapters</td> <td>6</td> </tr> <tr> <td>Books</td> <td>2</td> </tr> </tbody> </table> <p>H-index (WOS): 5 Citation index (WOS): 2.37</p>	Description	#	ISI journal	10	Non-ISI journal	43	Conferences	123	Citations	54	Book chapters	6	Books	2	<p>Selected references (max. 10)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Dubina, D., Stratan, A., Dinu F. (2011). "Re-centring capacity of dual-steel frames", Steel Construction: Design and Research, Vol. 4, No. 2, pp. 73-84. <input type="checkbox"/> Stratan, A., Dubina, D. (2008). "Selection of time-history records for dynamic analysis of structures", Proceedings of the International Symposium "Urban Habitat Constructions under Catastrophic Events", Malta, 22-23 October 2008, COST Action C26, Editors: Mazzolani, Mistakidis, Borg, Byfield, De Matteis, Dubina, Indirli, Mandara, Muzeau, Wald, Wang, p. 123-128. <input type="checkbox"/> Dubina, D., Stratan, A., Dinu, F. (2008). "Dual high-strength steel eccentrically braced frames with removable links". Earthquake Engineering & Structural Dynamics, Vol. 37, issue 15, pp. 1703-1720. <input type="checkbox"/> Fajfar, P., Dolsek, M., Marusic, D. and Stratan, A. (2006). "Pre- and post-test mathematical modelling of a plan-asymmetric reinforced concrete frame building". Earthquake Engng Struct. Dyn. 2006; 35: 1359–1379. <input type="checkbox"/> Stratan, A. and Dubina, D. (2004). "Bolted links for eccentrically braced steel 	
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	<p>frames". Proc. of the Fifth AISC / ECCS International Workshop "Connections in Steel Structures V. Behaviour, Strength & Design", June 3-5, 2004. Ed. F.S.K. Bijlaard, A.M. Gresnigt, G.J. van der Vegte. Delft University of Technology, The Netherlands. pp. 223-232</p> <ul style="list-style-type: none"> □ Dubina, D., and Stratan, A. (2002). "Behaviour of welded connections of moment-resisting frames beam-to-column joints", Engineering Structures, Vol. 24, No. 11, 1431-1440. 												
<p>Teaching experience</p> <table border="1" data-bbox="153 555 456 707"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td>16</td> </tr> <tr> <td>PhD supervision</td> <td>-</td> </tr> <tr> <td>MSc supervision</td> <td>18</td> </tr> <tr> <td>Lectured subjects</td> <td>5</td> </tr> </tbody> </table>	Description	#	Years of teaching	16	PhD supervision	-	MSc supervision	18	Lectured subjects	5	<ul style="list-style-type: none"> □ Under-graduate teaching Structural Dynamics and Seismic Engineering Basis of Structural Design Steel Structures □ Post-graduate teaching <ul style="list-style-type: none"> □ MSc Performance Based Seismic Engineering Seismic Assessment and Retrofitting of Existing Buildings □ PhD - □ Continuous Education - 		
Description	#												
Years of teaching	16												
PhD supervision	-												
MSc supervision	18												
Lectured subjects	5												
<p>International experience</p> <table border="1" data-bbox="153 913 456 1122"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Research projects</td> <td>8</td> </tr> <tr> <td>Mobility programs</td> <td>1</td> </tr> <tr> <td>Technical boards</td> <td>3</td> </tr> <tr> <td>Conference committees</td> <td>4</td> </tr> <tr> <td>Others</td> <td>-</td> </tr> </tbody> </table>	Description	#	Research projects	8	Mobility programs	1	Technical boards	3	Conference committees	4	Others	-	<ul style="list-style-type: none"> □ JRC N° 31817 / 24.09.2010 (2010-2013). "Full-scale experimental validation of dual eccentrically braced frame with removable links (DUAREM)". Transnational Access within the framework of Grant Agreement No. 227887. Beneficiary: European Commission (member in the research team). □ 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). □ RFCS-CT-2007-00050 STEELRETRO / 01.07.2007-31.06.2010. "Steel solutions for seismic retrofit and upgrade of existing constructions", Financing authority: European Commission - Research Fund for Coal and Steel. Total value: 87,600 EUR (member in the research team). □ C18873/28.12.2005. bilateral Romanian-Greek program "Strengthening and rehabilitation of historical buildings by reversible technologies" (2006-2008). (program coordinator). □ 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).
Description	#												
Research projects	8												
Mobility programs	1												
Technical boards	3												
Conference committees	4												
Others	-												
<p>Cooperation with industry</p>	<ul style="list-style-type: none"> □ RUUKKI/2009, "Requirements for multi-storey buildings in seismic areas". Beneficiary: Rautaruukki Corporation, Finland. Value: 10,000 EUR (member contract team). 												
<p>Patents</p>	<ul style="list-style-type: none"> □ - 												
<p>Prizes</p>	<ul style="list-style-type: none"> □ 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). □ 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) 												
<p>Languages</p>	<ul style="list-style-type: none"> □ Romanian English Russian Fluent □ Italian Basic 												

	<p style="text-align: center;">Viorel UNGUREANU</p> <p style="text-align: center;">Professor</p> <p style="text-align: center;">Department of Steel Structures and Structural Mechanics, Faculty of Civil Engineering, "Politehnica" University of Timisoara ROMANIA</p>	
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<p>Contacts</p>	<p>Politehnica University of Timisoara Faculty of Civil Engineering Dept. of Steel Structures and Structural Mechanics str. Ioan Curea nr.1, Timisoara 300224, Romania Tel.: ++40 256 403912 Fax: ++40 256 403917 e-mail: viorel.ungureanu@upt.ro URL: www.ct.upt.ro</p>
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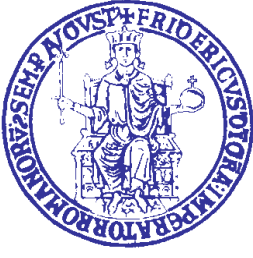
<p>Degrees</p>	<table border="0"> <tr> <td><input type="checkbox"/></td> <td>BSc</td> <td>Civil Engineering</td> <td>Politehnica University of Timisoara, Romania</td> <td>1994</td> </tr> <tr> <td><input type="checkbox"/></td> <td>MSc</td> <td>Civil Engineering</td> <td>Politehnica University of Timisoara, Romania</td> <td>1995</td> </tr> <tr> <td><input type="checkbox"/></td> <td>PhD</td> <td>Civil Engineering</td> <td>Politehnica University of Timisoara, Romania</td> <td>2003</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Habilitation</td> <td>Civil Engineering</td> <td>Politehnica University of Timisoara, Romania</td> <td>2012</td> </tr> </table>	<input type="checkbox"/>	BSc	Civil Engineering	Politehnica University of Timisoara, Romania	1994	<input type="checkbox"/>	MSc	Civil Engineering	Politehnica University of Timisoara, Romania	1995	<input type="checkbox"/>	PhD	Civil Engineering	Politehnica University of Timisoara, Romania	2003	<input type="checkbox"/>	Habilitation	Civil Engineering	Politehnica University of Timisoara, Romania	2012
<input type="checkbox"/>	BSc	Civil Engineering	Politehnica University of Timisoara, Romania	1994																	
<input type="checkbox"/>	MSc	Civil Engineering	Politehnica University of Timisoara, Romania	1995																	
<input type="checkbox"/>	PhD	Civil Engineering	Politehnica University of Timisoara, Romania	2003																	
<input type="checkbox"/>	Habilitation	Civil Engineering	Politehnica University of Timisoara, Romania	2012																	

<p>Key Qualifications</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Professor at the <i>Politehnica</i> University of Timisoara in Thin-walled Cold-formed members; Theory of Elasticity and Plasticity; Structural Mechanics; <input type="checkbox"/> Director of Research Institute for Renewable Energy – ICER; <input type="checkbox"/> Member of Civil Engineering Commission of National Committee for Academic Titles and Diplomas (CNATDCU), Romanian Ministry of Education since 2016; <input type="checkbox"/> Coordinator and collaborator in several national and international research projects; <input type="checkbox"/> Member in the Technical Committee TC7 (Thin Walled Structures) and TC14 (Sustainability & Eco-Efficiency of Steel Construction) of the European Convention for Constructional Steelwork (ECCS); <input type="checkbox"/> Member of AICPS - Romanian Association of Structural Engineers; <input type="checkbox"/> Member of APCMR - Romanian Association of Steelwork Producers; <input type="checkbox"/> Member of IALCCE-International Association for Life-Cycle Civil Engineering.
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<p>Role within Suscos consortium</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Academic supervisor / lecturer
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<p>Research focus</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Sustainable development of buildings <input type="checkbox"/> Stability of steel structures <input type="checkbox"/> Cold-formed steel structures
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<p>References</p> <table border="1" style="width: 100%;"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>ISI journal</td> <td>22</td> </tr> <tr> <td>Non-ISI journal</td> <td>49</td> </tr> <tr> <td>Conferences</td> <td>174</td> </tr> <tr> <td>Citations</td> <td></td> </tr> <tr> <td>WOS</td> <td>115</td> </tr> <tr> <td>SCOPUS</td> <td>250</td> </tr> <tr> <td>Book chapters</td> <td>11</td> </tr> <tr> <td>Books</td> <td>10</td> </tr> <tr> <td>H-index</td> <td></td> </tr> <tr> <td>WOS</td> <td>7</td> </tr> <tr> <td>SCOPUS</td> <td>7</td> </tr> </tbody> </table>	Description	#	ISI journal	22	Non-ISI journal	49	Conferences	174	Citations		WOS	115	SCOPUS	250	Book chapters	11	Books	10	H-index		WOS	7	SCOPUS	7	<p>Selected references (max. 10)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Dubina D., Ungureanu V., Landolfo R. (2012): <i>Design of Cold-formed Steel Structures. Eurocode 3: Design of Steel Structures. Part 1-3 Design of cold-formed Steel Structures</i>. Ernst & Sohn, A Wiley Company, ISBN-13: 978-3-433-02979-4, Berlin, 654 pp.; <input type="checkbox"/> Santos P., Simoes de Silva L., Ungureanu V. (2012): <i>Energy efficiency of light-weight steel-framed buildings</i>. Technical Committee 14: Sustainability and Eco-efficiency of Steel Constructions, No. 129/2012, Published by ECCS, ISBN: 978-92-9147-105-8, 175 pp.; <input type="checkbox"/> Zagari G., Zucco G., Madeo A., Ungureanu V., Zinno R., Dubina D. (2016): Evaluation of the erosion of critical buckling load of cold-formed steel members in compression based on Koiter asymptotic analysis. <i>Thin-Walled Structures</i>, 108(2016), pp. 193–204;
Description	#																								
ISI journal	22																								
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Mario D'Aniello

Assistant Professor

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e-mail: mdaniel@unina.it

Degrees

- | | | | | |
|--------------------------|---------------------|--------------------------|------------------------------------|------|
| <input type="checkbox"/> | BSc+ MSc | Structural Engineering | Univ.of Naples Federico II, Italy | 2004 |
| <input type="checkbox"/> | PhD | Construction Engineering | Univ.of Naples Federico II, Italy | 2008 |
| <input type="checkbox"/> | Assistant Professor | Structural Engineering | Univ. of Naples Federico II, Italy | 2010 |

Key Qualifications

- 13 years experience as tutor of students for both graduation and PhD thesis
- Member of Research Units in both National and International research projects
- Lecturer within specialist courses
- Member of the organizing and scientific secretariats of National Conference
- Member of SC3 –steel structures for the Italian Unification National Entity (UNI)
- Advisor of the Italian Unification National Entity (UNI) for the translation of the European code EN-1994:1-1 “Design of Design of composite steel and concrete structures”;
- Since 2010, he collaborates with TC13 (seismic design) of ECCS - European Convention for Constructional Steelwork.
- Since 2016, he collaborates with TC10 (Connections) of ECCS - European Convention for Constructional Steelwork.

Role within Suscos consortium

- Teaching and Academic supervisor.

Research focus

- Steel Structures (seismic design | HSS | stability | connections | bridges)
- Energy dissipation and isolation systems for seismic protection
- FRP composites in civil engineering
- Seismic vulnerability assessment of existing buildings
- Robustness

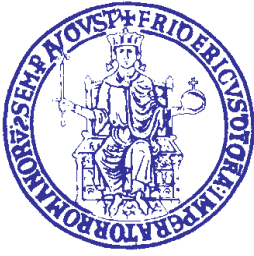
References

Description	#
ISI journal	20
Non-ISI journal	16
Conferences	160
Citations (SCOPUS database)	322

Selected references (max. 10)

- D'Aniello M., Landolfo R., Piluso V., Rizzano G. (2012). Ultimate Behaviour of Steel Beams under Non-Uniform Bending. Journal of Constructional Steel Research 78 (2012) 144–158. doi:10.1016/j.jcsr.2012.07.003
- D'Aniello M., Güneyisi E.M., Landolfo R., Mermerdaş K. (2014) Analytical prediction of available rotation capacity of cold-formed rectangular and square hollow section beams. Thin-Walled Structures, vol. 77, pp.141-152. 10.1016/j.tws.2013.09.015

	<ul style="list-style-type: none"> ❑ Involved into the following international research projects: <ol style="list-style-type: none"> 1) ILVA IDEM (2000-2005): “Intelligent DEMolition”. 2) CNR-MIUR (2003-2005): Diagnosi e salvaguardia di manufatti architettonici con particolare riferimento agli effetti derivanti da eventi sismici ed altre calamità naturali. 3) PRIN (2005 – 2007): “Vulnerabilità e tecniche di consolidamento reversibili per le strutture storiche in carpenteria metallica”. 4) PRIN (2005-2007): “Modelli numerici di strutture in cemento armato con controventi di acciaio”. 5) RELUIS Task 5 (2005 – 2008) “Development of innovative approaches to design steel and composite steel and concrete structures”. (Unit 1). 6) RELUIS Task 4 (2005 – 2008) “Development of a direct displacement-based methodology for seismic design and vulnerability assessment.” (Unit 6-Steel structures). 7) “Innovazione e sostenibilità negli interventi di riqualificazione edilizia. Best practice per il retrofit e la manutenzione.” Progetto FARO (Finanziamento per l’Avvio di Ricerche Originali) dal Polo delle Scienze e delle Tecnologie dell’Università degli Studi di Napoli “Federico II” (Gennaio 2010-Settembre 2011). 8) RELUIS (2014 – 2017) “Analisi della risposta strutturale di sistemi di acciaio tradizionali ed innovativi.” (Steel and steel composite structures). ❑ Invited researcher at the “Early Stage Researchers Training School” (Sustainability in Structures and Structural Interventions - Improving the contemporary and historical urban habitat constructions within a sustainability and risk assessment framework) - COST-Action C26, 17-24 May 2009 Thessaloniki (Greece) ❑ He was involved in organizing committee of the following Conferences: <ol style="list-style-type: none"> 1) XXIII C.T.A. Conference (Ischia 2011) – as organizer 2) XXIV C.T.A. Conference (Torino 2013) – as scientific secretary 3) HSS-SERF WORKSHOP, Napoli, 28-29 giugno 2013– as organizer 4) Steel-Earth FINAL WORKSHOP, Napoli, 7 April 2016 – as scientific secretary 5) EqualJoints FINAL WORKSHOP, Napoli, 21 June 2016 – as scientific secretary ❑ In 2016 he has been appointed expert in the Italian Committee UNI/CT 021/SC 03 "Steel Structures (UNI/CT 021/SC 03 "Strutture di acciaio"). ❑ Since 2010, he collaborates with TC13 (seismic design) of ECCS - European Convention for Constructional Steelwork. ❑ Since 2016, he collaborates with TC10 (Connections) of ECCS - European Convention for Constructional Steelwork. ❑ Guest Editor of “The Open Civil Engineering Journal” (ISSN: 1874-1495) with the thematic issue on “Nonlinear behaviour, design and analysis of steel structures: recent findings and new trends for the next generation of European design standards” ❑ From 2016, Mario D’Aniello is member of the Advisory Board of the following journal: “Research on Engineering Structures & Materials” (RESM).
<p>Patents</p>	<ul style="list-style-type: none"> ❑ “Demountable beam-to-column joint”, (in collaboration), patent pending number 102016000125768 registered on 13/12/2016. Reference code: B 16040 IT
<p>Prizes</p>	<ul style="list-style-type: none"> ❑ December 12th 2008, Winner of “Marrama award”, for the essay “Dissipative buckling-restrained braces for seismic upgrading of existing buildings”
<p>Languages</p>	<ul style="list-style-type: none"> ❑ Italian English Fluent



Lucrezai Cascini

Research fellow

Department of Structures for Engineering and
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Degrees

- | | | | | |
|--------------------------|-------------------------|--------------------------|------------------------------------|------|
| <input type="checkbox"/> | BSc+ MSc | Construction Engineering | Univ.of Naples Federico II, Italy | 2005 |
| <input type="checkbox"/> | PhD | Construction Engineering | Univ.of Naples Federico II, Italy | 2009 |
| <input type="checkbox"/> | Research fellow (RTD/A) | Structural Engineering | Univ. of Naples Federico II, Italy | 2017 |

Key Qualifications

- 8 years experience as tutor of students for both graduation and PhD thesis
- Member of Research Units in both National and International research projects
- Lecturer within specialist courses
- Member of the organizing and scientific secretariats of National Conference

Role within Suscos consortium

- Teaching and Academic supervisor.

Research focus

- Numerical models for masonry structures: theory, application & software development
- Seismic vulnerability assessment of existing buildings
- Sustainability of structures
- Durability of steel structures

References

Description	#
ISI journal	8
Non-ISI journal	2
Conferences	40
Citations (SCOPUS database)	102
Book chapters	2
Books	0

Selected references (max. 10)

1. Portioli, F., Cascini, L. Contact Dynamics of Masonry Block Structures Using Mathematical Programming (2016) Journal of Earthquake Engineering
- Portioli, F., Cascini, L. Assessment of masonry structures subjected to foundation settlements using rigid block limit analysis (2016) Engineering Structures
- Portioli, F., Cascini, L., Landolfo, R. Rocking response of masonry block structures using mathematical programming (2016) ECCOMAS Congress 2016
- Portioli, F., Cascini, L., Casapulla, C. Assessment of masonry structures under

PhD thesis	1	<p>lateral loads via 3D rigid block limit analysis (2016) Structural Analysis of Historical Constructions: Anamnesis, diagnosis, therapy, controls - Proceedings of the 10th International Conference on Structural Analysis of Historical Constructions, SAHC 2016, pp. 251-256.</p> <p>Portioli, F., Casapulla, C., Cascini, L. An efficient solution procedure for crushing failure in 3D limit analysis of masonry block structures with non-associative frictional joints (2015) International Journal of Solids and Structures, 69-70, pp. 252-266. Cited 3 times.</p> <p>Cascini, L., Portioli, F., Landolfo, R. Probabilistic time variant assessment of thin-walled steel members under atmospheric corrosion attack (2014) Journal of Civil Engineering and Management, 20 (3), pp. 404-414. Cited 1 time.</p> <p>Portioli, F., Casapulla, C., Gilbert, M., Cascini, L. Limit analysis of 3D masonry block structures with non-associative frictional joints using cone programming (2014) Computers and Structures, 143, pp. 108-121. Cited 15 times.</p> <p>Casapulla, C., Cascini, L., Portioli, F., Landolfo, R. 3D macro and micro-block models for limit analysis of out-of-plane loaded masonry walls with non-associative Coulomb friction (2014) Meccanica, 49 (7), pp. 1653-1678. Cited 11 times.</p> <p>Casapulla, C., Portioli, F., Cascini, L. Non-standard limit analysis of three-dimensional masonry systems subjected to out-of-plane loading (2014) Civil-Comp Proceedings, 106, . Cited 1 time.</p> <p>Portioli, F., Casapulla, C., Cascini, L. Application of a three-dimensional rigid block model to the limit analysis of large scale masonry panels (2014) Civil-Comp Proceedings, 106, . Cited 1 time.</p>
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<p>Teaching experience</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Description</th> <th style="text-align: center;">#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td style="text-align: center;">5</td> </tr> <tr> <td>PhD supervision</td> <td style="text-align: center;">1</td> </tr> <tr> <td>MSc supervision</td> <td style="text-align: center;">9</td> </tr> <tr> <td>Lectured subjects</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>	Description	#	Years of teaching	5	PhD supervision	1	MSc supervision	9	Lectured subjects	2	<ul style="list-style-type: none"> <input type="checkbox"/> Under-graduate teaching Structural Engineering, Steel design Seismic Design)
Description	#										
Years of teaching	5										
PhD supervision	1										
MSc supervision	9										
Lectured subjects	2										

<p>International experience</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Description</th> <th style="text-align: center;">#</th> </tr> </thead> <tbody> <tr> <td>Research projects</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Mobility programmes</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Technical boards</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Conference committees</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Others</td> <td style="text-align: center;"></td> </tr> </tbody> </table>	Description	#	Research projects	6	Mobility programmes	3	Technical boards	0	Conference committees	0	Others		<ul style="list-style-type: none"> <input type="checkbox"/> Involved into the following international research projects: <ol style="list-style-type: none"> 1) PROHITECH 'Earthquake Protection of Historical Buildings by Reversible Mixed Technologies' (2004-2007). 2) COST-C26 "Urban Habitat Constructions under Catastrophic Events" (2006-2010). 3) Cost C25- Sustainability of constructions an integrated approach to life-time engineering 4) RFCS: "HSS-SERF: High Strength Steel in SEismic Resistant building Frames" (2009-2011). 5) EQUALJOINTS (2013-2016): European pre-QUALified steel JOINTS. Fund for Coal and Steel Grant Agreement No RFSR-CT-2013-00021. In this project he is also scientific secretary. 6) LSV3 (2013-2014): Large Valorisation on Sustainability of Steel Structures. Fund for Coal and Steel Grant Agreement No. RFS2-CT-2013-00016
Description	#												
Research projects	6												
Mobility programmes	3												
Technical boards	0												
Conference committees	0												
Others													

Languages	<input type="checkbox"/> Italian English	Fluent
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	<p>Carlos Alberto da Silva Rebelo</p> <p>Assistant Professor</p> <p>Department of Civil Engineering of the University of Coimbra</p> <p>PORTUGAL</p>	
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Contacts	<p>Departamento de Engenharia Civil Universidade de Coimbra Polo II – Pinhal de Marrocos 3030-788 Coimbra, Portugal Tel.: +351 239 797209 e-mail: crebelo@dec.uc.pt URL: www.dec.uc.pt</p>
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Degrees	<table border="0"> <tr> <td><input type="checkbox"/> BSc</td> <td>Civil Engineering</td> <td>Univ.Coimbra, PT</td> <td>1980</td> </tr> <tr> <td><input type="checkbox"/> MSc</td> <td>Structural Engineering</td> <td>Technical Univ. Lisbon, PT</td> <td>1985</td> </tr> <tr> <td><input type="checkbox"/> PhD</td> <td>Structural Engineering</td> <td>Technical Univ. Karlsruhe, D</td> <td>1992</td> </tr> </table>	<input type="checkbox"/> BSc	Civil Engineering	Univ.Coimbra, PT	1980	<input type="checkbox"/> MSc	Structural Engineering	Technical Univ. Lisbon, PT	1985	<input type="checkbox"/> PhD	Structural Engineering	Technical Univ. Karlsruhe, D	1992
<input type="checkbox"/> BSc	Civil Engineering	Univ.Coimbra, PT	1980										
<input type="checkbox"/> MSc	Structural Engineering	Technical Univ. Lisbon, PT	1985										
<input type="checkbox"/> PhD	Structural Engineering	Technical Univ. Karlsruhe, D	1992										

Key Qualifications	<ul style="list-style-type: none"> <input type="checkbox"/> Assistant Professor of Structural Dynamics at the University of Coimbra; <input type="checkbox"/> Project Coordinator of R&D European projects.
---------------------------	---

Research focus	<ul style="list-style-type: none"> <input type="checkbox"/> Structural Dynamics <input type="checkbox"/> Structural Health Monitoring <input type="checkbox"/> Seismic Behavior of Steel and Composite Structures <input type="checkbox"/> Support Structures for Wind Energy Converters
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<table border="1"> <tr> <th>Description</th> <th>#</th> </tr> <tr> <td>ISI journal</td> <td>32</td> </tr> <tr> <td>Non-ISI journal</td> <td>18</td> </tr> <tr> <td>Conferences</td> <td>162</td> </tr> <tr> <td>Books</td> <td>1</td> </tr> <tr> <td>Book chapters</td> <td>4</td> </tr> <tr> <td>Book Edition</td> <td>1</td> </tr> <tr> <td>Theses and Dissertations</td> <td>2</td> </tr> <tr> <td>Scientific&Technical reports</td> <td>64</td> </tr> <tr> <td>Other publications</td> <td>25</td> </tr> <tr> <td>Citations (GS)</td> <td>316</td> </tr> <tr> <td>Citations (WoS)</td> <td>186</td> </tr> <tr> <td>H index</td> <td>9</td> </tr> </table> <p>ResearcherID: I-4740-2012</p>	Description	#	ISI journal	32	Non-ISI journal	18	Conferences	162	Books	1	Book chapters	4	Book Edition	1	Theses and Dissertations	2	Scientific&Technical reports	64	Other publications	25	Citations (GS)	316	Citations (WoS)	186	H index	9	<p>Selected references</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rigueiro, C., Rebelo, C., Simões da Silva, L. Influence of ballast models In the Dynamic response of Railway viaducts, Journal of Sound and Vibration 329 (2010) 3030–3040. <input type="checkbox"/> Rebelo C., Veljkovic M., Matos R. and Simões da Silva L. “Structural Monitoring of a Wind Turbine Steel Tower – Part II: monitoring results, Wind and Structures”, Vol.15 No.4, 2012. <input type="checkbox"/> de Jesus A., Matos R., Fontoura B., Rebelo C., Simões da Silva L. and Veljkovic M. “A comparison of the fatigue behavior between S355 and S690 steel grades”, Journal of Constructional Steel Research 79 (2012) 140–150 <input type="checkbox"/> Rebelo, C., Moura, A., Gervásio, H., Veljkovic, M. and Simões da Silva, L., “Comparative life-cycle assessment of tubular wind towers and foundations. Part 1 – Structural design”, Engineering Structures 74 (2014) 283–291, DOI: 10.1016/j.engstruct.2014.02.040 <input type="checkbox"/> Tenchini A, D’Aniello M, Rebelo C, Landolfo R, Simões da Silva L, Lima L. “Seismic performance of dual-steel moment frames” Journal of Constructional Steel Research 101 (2014) 437–454 DOI: 10.1016/j.jcsr.2014.06.007 <input type="checkbox"/> Marko Pavlović, Christine Heistermann, Milan Veljković, Daniel Pak, Markus Feldmann, Carlos Rebelo, Luis Simões da Silva, “Connections in towers for wind converters, Part II: The friction connection behaviour” Journal of Constructional Steel Research, May 2015, DOI: 10.1016/j.jcsr.2015.05.009 <input type="checkbox"/> Anh Tuan Tran, Milan Veljkovic, Carlos Rebelo, Luís Simões da Silva, “Resistance of cold-formed high strength steel circular and polygonal sections — Part 1: Experimental investigations”, Journal of Constructional Steel Research, Available online 24 October 2015, doi:10.1016/j.jcsr.2015.10.014 <input type="checkbox"/> Matos, R.M.M.P.; Pinto, P.M.C.M.L.; Rebelo, C.A.S.; Gervasio, H.; Veljkovic, M., “Improved design of tubular wind tower foundations using steel micropiles”, Journal of Structure and Infrastructure Engineering – Maintenance, Management, Life-Cycle Design and Performance Volume 12,
Description	#																										
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Non-ISI journal	18																										
Conferences	162																										
Books	1																										
Book chapters	4																										
Book Edition	1																										
Theses and Dissertations	2																										
Scientific&Technical reports	64																										
Other publications	25																										
Citations (GS)	316																										
Citations (WoS)	186																										
H index	9																										

Teaching experience

Description	#
Years of teaching	36
PhD supervision	8
MSc supervision	40
Lectured subjects	5

- Under-graduate teaching Civil Engineering (Structural Dynamics and Earthquake engineering, Structural Concrete, Mechanics of Materials, Risk Analysis)
- Post-graduate teaching
 - MSc / PhD Structural Dynamics, Seismic Design
Footbridges and Railway bridges, Design of Support structures for Wind Energy Converters
 - Continuous Education
Seismic Design
Footbridges and Railway bridges
Design of Support structures for Wind Energy Converters

International experience

Description	#
Research projects	10
Mobility programmes	2
Technical boards	3
Conference committees	16
Technical boards	2

Selected Research Projects
 (Total Budget: 9900x10³ €; Financed amount: 4740x10³ €)

- "HISTWIN-High strength steel tower for wind turbines"– RFSR-CT-2006-00031 (1/7/2006-31/6/2009); RISK - Assessment and Management for High-Speed Rail Systems, MITPortugal program (since 2007).
- "AFFORDABLE HOUSES –Low cost residential houses " finance by ArcelorMittal, Luxembourg, 01/01/2009 to 31/12/2009. Objectives: Develop low cost single family residential houses using cold-formed solutions.
- High Strength Steel in Seismic Resistant Building Frames (HSS-SERF) RFSR-CT-2009-00024. 01/07/2009 a 30/06/2012;
- "SBRI – "Sustainable Steel and Composite Bridges in built environment" Period: 01/07/2009 to 30/06/2012.
- "HISTWIN 2 - High steel tubular towers for wind turbines"; Partners: TU Lulea, Sweden; 1-7-2010 to 31-6-2013.
- "DiSTEEL – "Displacement Based Seismic Design of STEEL Moment Resisting Frame Structures" Period: 01/07/2010 a 30/06/2013.
- SHOWTIME 'Steel Hybrid Onshore Wind Towers Installed with Minimal Effort'. RFSR-CT-2015-00021. Period: 1/7/2015-31/12/2018.
- HISTWIN+ 'High Strength Steel Tower for Wind Turbines' Ref^a: RFS-P2-13143. Period: 1/7/2014-31/12/2015.
- AEOLUS4FUTURE 'Efficient harvesting of the wind energy' Ref^a: EU-643167. EU – H2020-MSCA-ITN-2014. Instituições Participantes/ Period: 1/1/2015-31/12/2019.
- EQUALJOINTS – "European pre-qualified steel joints" Ref^a RFSR-CT-2013-00021.. Period: 1/7/2013-30/6/2016.
- PROLIFE'- prolonging life time of old steel and steel-concrete bridges RFSR-CT-2015-00025. Period: 1/7/2015-31/12/2018.

Mobility Projects:

- EU - COST C25 - "Sustainability of constructions - integrated approach to life-time structural engineering" Partners: 25 european countries, 2006-2010
- EU - COST C26 - "Urban habitat constructions under catastrophic events", Partners: 20 european countries, 2006-210
"WINERCOST" Wind energy technology reconsideration to enhance the concept of smart cities Ref^a COST TUD 1304.Partner Countries: 25. EU – COST. Period: 31/03/2014- 30/03/2018.

Cooperation with industry

- More than 30 projects mostly with national industry in total amount about 200x10³€



Aldina SANTIAGO

Assistant Professor

Department of Civil Engineering,
University of Coimbra

PORTUGAL



Contacts

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Fax: +351 239 797 123
e-mail: aldina@dec.uc.pt
URL: <http://www.uc.pt/ftuc/dec/pessoas/docentes1/aldinasantiago>

Degrees

<input type="checkbox"/> Ing.	Civil Engineering	UBI, Covilhã, Portugal	1997
<input type="checkbox"/> BsC.	Civil Engineering	UC, Coimbra, Portugal	2000
<input type="checkbox"/> PhD.	Civil Engineering	UC, Coimbra, Portugal	2008

Key Qualifications

- Professor of Steel Structures at the University of Coimbra;
- Member of technical committee TC 10 Connections of ECCS

Role with SUSCOs Consortium

- Academic supervisor

Research focus

- Steel structures (connection, stability, composite action).
- Structural Fire design.
- Accidental actions: fire, impact

References

Description	#
ISI journal	25
Non-ISI journal	9
Conferences	104
Citations	338
Book chapters	2
Text-Books	1
H index	9

Selected references (max. 10)

- Iqbal, N., Heisterman, T., Veljkovic, M., Lopes, F., Santiago, A. e Simões da Silva, L., "Axial force and deformation of a restrained steel beam in fire", *Advanced Steel Construction*, 12 (2), pp. 174-193, 2016.
- Haremza, C., Santiago, A., Demonceau, J-F., Jaspert, J-P. and Simões da Silva, L., "Composite joints under M-N at elevated temperatures", *Journal of Constructional Steel Research*, 124, pp. 173-186, 2016.
- Ribeiro J., Santiago A., Rigueiro C. Barata P. and Veljkovic, M., "Numerical assessment of t-stub component subject to impact loading". *Engineering of Structures*, 106, pp. 450-460, 2016.
- Craveiro H., Rodrigues, J.P., Santiago, A., Laim, L., "Review of the high temperature mechanical and thermal properties of the steels used in cold formed steel structures - the case of the S280 GD + Z steel", *Thin-Walled Structures*, 98 (part A), pp. 154-168, 2016.
- Ferraz G., Santiago A., Rodrigues J. P. and Barata, P., "Thermal analysis of hollow steel columns exposed to localised fires". *Fire Technology*, 52, pp. 663-681, 2016.
- Heistermann T., Koltasakis E., Veljkovic M., Lopes F., Santiago A. and Simões da Silva L., "Initial Stiffness Evaluation of Reverse Channel Connections in Tension and Compression". *Journal of Constructional Steel Research*, 114, pp. 119-128, 2015.
- Ribeiro J., Santiago A., Rigueiro C. and Simões da Silva, L., "Analytical model for the response of t-stub component under impact loading". *Journal of Constructional Steel Research*, 106, pp. 23-34, 2015.
- Lopes F.C., Santiago A., Simões da Silva L., Iqbal I., Veljkovic, M. and da Silva J.G.S., "Sub-frames with reverse channel connections to CFT composite columns –experimental evaluation", *International Journal of Advanced Steel Construction*, 11 (1), pp. 111-126, 2015.
- Latour M., Rizzano G., Santiago A. and Simões da Silva L., "Experimental analysis and mechanical modeling of T-stubs with four bolts per row". *Journal of Constructional Steel Research*, 101, pp. 158–174, 2014.

	<ul style="list-style-type: none"> □ Barata P., Ribeiro J., Simões Rigueiro C., Santiago A., Rodrigues J-P., "Assessment of T-stub joint component at ambient and elevated temperatures". <i>Fire Safety Journal</i>, 70, pp. 1–13, 2014. 																		
<p>Teaching experience</p> <table border="1" data-bbox="151 376 459 524"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td>17</td> </tr> <tr> <td>PhD supervision</td> <td>1</td> </tr> <tr> <td>MSc supervision</td> <td>20</td> </tr> <tr> <td>Lectured subjects</td> <td></td> </tr> </tbody> </table>	Description	#	Years of teaching	17	PhD supervision	1	MSc supervision	20	Lectured subjects		<table border="1" data-bbox="491 309 1458 501"> <tbody> <tr> <td>□ Under-graduate teaching</td> <td>Steel Structures</td> </tr> <tr> <td>□ Post-graduate teaching</td> <td></td> </tr> <tr> <td> □ MSc</td> <td>Design of Buildings I, Design of Buildings II, Fire design</td> </tr> <tr> <td> □ PhD</td> <td>Design of Buildings I, Design of Buildings II, Fire design</td> </tr> </tbody> </table>	□ Under-graduate teaching	Steel Structures	□ Post-graduate teaching		□ MSc	Design of Buildings I, Design of Buildings II, Fire design	□ PhD	Design of Buildings I, Design of Buildings II, Fire design
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<p>International experience</p> <table border="1" data-bbox="151 656 459 891"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Research projects</td> <td>16</td> </tr> <tr> <td>Mobility programmes</td> <td>3</td> </tr> <tr> <td>Technical boards</td> <td>2</td> </tr> <tr> <td>Conference committees</td> <td>13</td> </tr> <tr> <td>Others</td> <td></td> </tr> </tbody> </table>	Description	#	Research projects	16	Mobility programmes	3	Technical boards	2	Conference committees	13	Others		<p>Involved (as IP or researcher) in 16 research projects, with special reference to the following ones:</p> <ul style="list-style-type: none"> □ <i>PUREST</i> – “Promotion of new eurocodes rules for structural stainless steels”; RFSR-CT-2015-709600, 07/2016-06/2019. Participant Institutions: SCI, UK (coordination); Universitat Politecnica de Catalunya, Espanha; Universitaet Duisburg-Essen; Katholieke Universiteit Leuven; Centro Sviluppo Materiali SPA, Itália; Stalbyggnadsinstitutet Stiftelser; Teräsrakenneyhdistys ry; Imperial College, UK; University of Coimbra, Portugal; Ceske Vysoke Ucení Technicke, R. Checa; Politechnika Rzeszowska im Ignacego Lukaszewicza, Polónia; OneSource, Portugal. □ <i>FREEDAM</i> – “Free from damage steel connections”; RFSR-CT-2015-00022. Participant Institutions: Univ. of Salerno, Italy (coordination); University of Liège, Belgium; University of Naples, Italy; University of Coimbra, Portugal; FIP Industriale Spa, Italy; OFeliz, Portugal. □ <i>FREEDAM PTDC</i> – “Free from damage steel connections”; PTDC/ECM-EST/3711/2014; Períod: 07/2016-06/2019. University of Coimbra, Portugal (coordination); OFeliz, Portugal. □ <i>IMPACTFIRE</i> - “Robust Connections for Impact and Fire Loading”; PTDC/ECM/110807/2009. DEC, University of Coimbra, Portugal (coordination); SOCOMETAL, Portugal; LTU, Sweden. □ <i>COMPFIRE</i> – “Economical and safe design of steel joints under the natural fire”. RFCS - RFSR-CT-2009-00021; DEC, Univ. Coimbra, Portugal (coordination); Univ. Manchester, UK; TU Lullea, Sweden; Univ. Sheffield, UK; TU Prague, Czech Republic; Desmo, Czech Republic; Corus Tubes, UK. □ <i>ROBUSTFIRE</i> – “Robustness of car parks against localised fire”; RFSR-CT-2008-00036. Participant Institutions: Univ. Liège, Belgium (coordination); Imperial College, UK; DEC, University of Coimbra, Portugal; ArcelorMittal, Luxembourg; CSTB, France; Greisch Ingenierie, Belgium; CTICM, France. □ POCI/ECM/55783/2004 – “Ligações metálicas sujeitas a acções excepcionais: comportamento ao fogo e ao sismo”. University of Coimbra. 						
Description	#																		
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Others																			
<p>Cooperation with industry</p>	<ul style="list-style-type: none"> □ Various contracts concerning design projects, expert opinion, experimental evaluation of resistance, FEA simulation and courses for practicing engineers. 																		
<p>Languages</p>	<table border="1" data-bbox="491 1644 1458 1742"> <tbody> <tr> <td>□ English </td> <td>Fluent</td> </tr> <tr> <td>□ French </td> <td>Reading</td> </tr> <tr> <td>□ Spanish </td> <td>Reading</td> </tr> </tbody> </table>	□ English	Fluent	□ French	Reading	□ Spanish	Reading												
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□ French	Reading																		
□ Spanish	Reading																		



Jean-Marc FRANSSEN

Full Professor
Department ArGENCo
University of Liège
BELGIUM



Contacts

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e-mail: jm.franssen@ulg.ac.be
URL: <http://www.argenco.ulg.ac.be/accueil.php>

Degrees

<input type="checkbox"/> Civil Eng	Civil Engineering	Univ. Liège, Belgium	1982
<input type="checkbox"/> PhD	Applied Sciences	Univ. Liège, Belgium	1987
<input type="checkbox"/> Aggregation	Applied Sciences	Univ. Liège, Belgium	1997

Key Qualifications

- Professor of Fire Engineering at the University of Liège;
- Vice President of ISIB Asbl, Institut de Sécurité Incendie - Instituut voor Brandveiligheid
- Member of the « Conseil Supérieur de Sécurité contre l'Incendie et les Explosions » of the Ministry of Interior (Belgium)
- Subrogate member of the « Commission de Dérogation » of the Ministry of Interior, Belgium
- Member of « Conseil Scientifique élargi du G.I.S. (Groupement d'Intérêt Scientifique) LIRGeC « Institut Ligérien de Recherche en Génie Civil et Construction » des Pays de Loire », France
- Member of the Scientific COmmittee of the testing equipment VULCAIN in Conseil Scientifique et Technique du bâtiment CSTB, France
- Member of the Administration Board of CERIB, « Centre d'Etudes et de Recherches de l'Industrie du Béton », France
- Project Team Leader of the Team « Horizontal Group Fire », CEN mandate
-

Role within Suscos consortium

- Member of the teaching staff

Research focus

- Fire safety Engineering
- Timber structures

References

Description	#
Peer reviewed journal	97
Conferences	140
Book chapters	11
Books	13

Selected references (max. 10)

- Books
 - Franssen, J.-M., Kodur, V., & Zaharia, R. (2009). *Designing Steel Structures for Fire Safety*. Leiden, The Netherlands: Taylor & Francis
 - Franssen, J.-M., & Vila Real, P. (2010). Fire Design of Steel Structures : Eurocode 1: Actions on structures. Part 1-2: Actions on structures exposed to fire: Eurocode 3: Design of steel structures: Part 1-2: Structural fire design. Berlin, Germany: Ernst & Sohn.

- Schneider, U., Franssen, J.-M., & Lebeda, C. (2008). *Baulicher Brandschutz* (2nd edition). Berlin, Germany: Bauwerk Verlag, GmbH.
- Book Chapters
 - Franssen, J.-M., & Iwankiw, N. (2009). Structural Fire Engineering of Building Assemblies and Frames. In P. J., DiNenno, D., Drysdale, C. L., Beyler, W. D., Walton, R. L. P., Custer, J. R., Hall, & J. M., Watts, *The SFPE Handbook of Fire Protection Engineering* (Fourth Edition). Quincy, Massachusetts, USA: National Fire Protection Ass. Ed.
- International Journals
 - **Franssen, J.-M.** (1990). The unloading of building materials submitted to fire. *Fire Safety Journal*, 3, 213-227.
 - **Franssen, J.-M.** (2005). SAFIR: A thermal/structural program for modeling structures under fire. *Engineering Journal- American Institute of Steel Construction Inc*, 42(3), 143-158.
 - **Franssen, J.-M.**, Talamona, D., Kruppa, J., & Cajot, L.-G. (1998). Stability of Steel Columns in Case of Fire : Experimental evaluation. *Journal of Structural Engineering*, 124(2), 158-163.
 - Cadorin, J.-F., & **Franssen, J.-M.** (2003). A tool to design steel elements submitted to compartment fires - OZone V2. Part 1: pre- and post-flashover compartment fire model. *Fire Safety Journal*, 38(5), 395-427.



<p>Teaching experience</p> <table border="1"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td>8</td> </tr> <tr> <td>PhD supervision</td> <td>5</td> </tr> <tr> <td>MSc supervision</td> <td>?</td> </tr> <tr> <td>Lectured subjects</td> <td>**</td> </tr> </tbody> </table>	Description	#	Years of teaching	8	PhD supervision	5	MSc supervision	?	Lectured subjects	**	<p>**</p> <p>Fire engineering Timber construction Structural mechanics Conceptual design of structures</p> <table border="1"> <tr> <td>□ Under-graduate teaching</td> <td>Structural mechanics</td> </tr> <tr> <td>□ Post-graduate teaching</td> <td></td> </tr> <tr> <td> □ MSc</td> <td>Timber construction, Fire engineering, Conceptual design of structures</td> </tr> <tr> <td> □ PhD</td> <td>Fire engineering</td> </tr> <tr> <td> □ Continous Education</td> <td>Fire engineering</td> </tr> </table> <p>In addition:</p> <ul style="list-style-type: none"> □ Mastère complémentaire en Ingénierie de la Sécurité Incendie, ISMANS, Le Mans, France: 45 hours yearly □ Design of concrete structures subjected to fire, Ecole des Mines d'Alès, Alès, France, 6 hours yearly 	□ Under-graduate teaching	Structural mechanics	□ Post-graduate teaching		□ MSc	Timber construction, Fire engineering, Conceptual design of structures	□ PhD	Fire engineering	□ Continous Education	Fire engineering
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Description	#										
Research projects	20+										
Ph. D jury	33										
Conference committees	29										
Others	*										

<p>Cooperation with industry</p>	<ul style="list-style-type: none"> □ 70 commercial licences of our software SAFIR® sold around the world. □ Many consultancy reports written
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<p>Prizes</p>	<ul style="list-style-type: none"> □ Prix Scientifique de l'Association des Ingénieurs sortis de Liège, 1983
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	<ul style="list-style-type: none"> ❑ Prix Annuel FERDINAND DE WAELE du Fonds National de la Recherche Scientifique, 1988 ❑ Prix International MAGNEL du Bureau SECO, biennale 1986-1988
<p>Languages</p>	<ul style="list-style-type: none"> ❑ French English ❑ German <p style="text-align: right;">Fluent Beginner</p>

	<p>Jacques TELLER</p> <p>Full Professor</p> <p>Faculty of ULg Sciences Applied Research Unit UEE(Urban and Environmental Engineering)</p> <p>BELGIUM</p>	
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Contacts	<p>Research Unit UEE(Urban and Environmental Engineering) LEMA-ULg, 9 Allée de la Découverte, B52/3 B4000 Liège 1 Belgium</p> <p>Tel.: +32 4 366 93 94 Fax: e-mail: Jacques.teller@ulg.ac.be URL:</p>
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Degrees	<ul style="list-style-type: none"> <input type="checkbox"/> Ing. Civil Engineer in Architecture ULg in Liège 1992 <input type="checkbox"/> PhD Applied Sciences ULg in Liège 2001
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Key Qualifications	<ul style="list-style-type: none"> <input type="checkbox"/> Professor of urban design and planning, University of Liege, Faculty of Applied Sciences, Department Argenco <input type="checkbox"/> Head of Urban and Environmental Engineering (UEE) Research Unit – The UEE Research <input type="checkbox"/> Director of LEMA (Local environment Management and Activities), a research unit gathering some 10 researchers.
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Research focus	<ul style="list-style-type: none"> <input type="checkbox"/> Sustainable urban planning and design <input type="checkbox"/> Urban governance and morphology <input type="checkbox"/> Urban modelling <input type="checkbox"/> Water in the City environment
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<table border="1"> <tr> <th>Description</th> <th>#</th> </tr> <tr> <td>Journal</td> <td>43</td> </tr> <tr> <td>Conferences</td> <td>55</td> </tr> <tr> <td>Citations</td> <td>782</td> </tr> <tr> <td>Book chapters</td> <td>20</td> </tr> <tr> <td>Text-Books</td> <td>9</td> </tr> <tr> <td>H index</td> <td>12</td> </tr> </table>	Description	#	Journal	43	Conferences	55	Citations	782	Book chapters	20	Text-Books	9	H index	12	<p>Selected references (max. 10)</p> <ul style="list-style-type: none"> <input type="checkbox"/> de Smet, F., & Teller, J. (2016). Characterizing the morphology of suburban settlements: a method based on a semi-automatic classification of building clusters. <i>Landscape Research</i>, 41(1), 113-130. <input type="checkbox"/> Dujardin, S., Marique, A.-F., & Teller, J. (2014). Spatial Planning as a driver of change in mobility and residential energy consumption. <i>Energy & Buildings</i>, 68, 779–785. <input type="checkbox"/> Lejeune, Z., Xhignesse, G., Kryvobokov, M., & Teller, J. (2015, July). Housing Quality as Environmental Inequality: The Case of Wallonia, Belgium. <i>Journal of Housing and the Built Environment</i>. <input type="checkbox"/> Falquet, G., Metral, C., Teller, J., Tweed, C. (eds.) (2011), <i>Ontologies in Urban Development Projects</i>, Advanced Information and Knowledge Processing, Springer-Verlag, 2011, ISBN 978-0-85729-724-2, 241 p. <input type="checkbox"/> Teller, J. (2003). A spherical metric for the field-oriented analysis of complex urban open spaces. <i>Environment & Planning B : Planning & Design</i>, 30(3), 339-356. Research. Part A : Policy & Practice, 46, 1054– 1065. <p>Regular scientific evaluations for the following international journals: Landscape and urban planning, International Solar Energy Journal, Environment and Planning B : Planning and Design, Construction Innovation, Journal of Information Technology in Construction, Future Internet, GeoFocus, L'Espace Politique, Ciudades, Journal of Cultural Heritage Management and Sustainable Development, European Journal of Transport and Infrastructure Research, Frontiers of Architectural Research, Color Research and Application, Urbia, Applied Geography, Journal of Transport Geography, Environmental Impact Assessment Review.</p>
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	<p>Member of the scientific committee of the following Journals : Ciudades, Revue Ambiances, Journal of Cultural Heritage Management and Sustainable Development.</p> <p>Scientific editor of the volume 15 of the Journal of Information Technology in Construction.</p> <p>Scientific editor of the volume 61 of the series Studies in Computational Intelligence.</p>
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Description	#												
Research projects	20												
Mobility programmes	3												
Technical boards	1												
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Others													

Cooperation with industry	
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Patents	
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Prizes	<p>Michael Breheny Prize for the bestv article published in Environment and Planning B : Planning and Design, for the article <i>A spherical metric for the field-oriented analysis of complex urban open spaces</i>.</p>
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Languages	<table style="width: 100%;"> <tr> <td><input type="checkbox"/> English </td> <td style="text-align: right;">Fluent</td> </tr> <tr> <td><input type="checkbox"/> Spanish </td> <td style="text-align: right;">Fluent</td> </tr> </table>	<input type="checkbox"/> English	Fluent	<input type="checkbox"/> Spanish	Fluent
<input type="checkbox"/> English	Fluent				
<input type="checkbox"/> Spanish	Fluent				



László Gergely VIGH

Associate Professor

Department of Structural engineering,
Faculty of Civil Engineering,
Budapest University of Technology and Economics

Hungary



Contacts	Department of Structural Engineering, Faculty of Civil Engineering, BME, Műegyetem rkp. 3. 1111 Budapest, Hungary. Tel.: +36-1-463-1794 Fax: +36-1-463-1784 e-mail: vigh.l.gergely@epito.bme.hu URL: http://hsz.bme.hu/vigh-laszlo														
Degrees	<table border="0"> <tr> <td><input type="checkbox"/> Ing.</td> <td>Civil Engineering</td> <td>BME in Budapest</td> <td>2001</td> </tr> <tr> <td><input type="checkbox"/> PhD.</td> <td>Civil Engineering</td> <td>BME in Budapest</td> <td>2006</td> </tr> </table>	<input type="checkbox"/> Ing.	Civil Engineering	BME in Budapest	2001	<input type="checkbox"/> PhD.	Civil Engineering	BME in Budapest	2006						
<input type="checkbox"/> Ing.	Civil Engineering	BME in Budapest	2001												
<input type="checkbox"/> PhD.	Civil Engineering	BME in Budapest	2006												
Key Qualifications	<ul style="list-style-type: none"> <input type="checkbox"/> Associate professor of Steel Structures at the BME <input type="checkbox"/> Course director of the Civil Engineering Faculty <input type="checkbox"/> BME Rectorat Cabinet, Representative for International Education (2015-) <input type="checkbox"/> Member of the CEN/TC250/SC8 WG2 <input type="checkbox"/> Member of the ECCS TC13 (Seismic design) 														
Research focus	<ul style="list-style-type: none"> <input type="checkbox"/> Multi-stiffened steel- and aluminium structures <input type="checkbox"/> Seismic design of steel structures. <input type="checkbox"/> Numerical modelling of structures: nonlinear finite element modelling <input type="checkbox"/> Design of structures for extreme actions (earthquake, fire, wind) 														
References <table border="1" data-bbox="151 1153 438 1361" style="float: left; margin-right: 10px;"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>ISI journal</td> <td>13</td> </tr> <tr> <td>Non-ISI journal</td> <td>11</td> </tr> <tr> <td>Conferences</td> <td>67</td> </tr> <tr> <td>Citations</td> <td>136</td> </tr> <tr> <td>Book chapters</td> <td>4</td> </tr> <tr> <td>H index</td> <td>4</td> </tr> </tbody> </table>	Description	#	ISI journal	13	Non-ISI journal	11	Conferences	67	Citations	136	Book chapters	4	H index	4	<ul style="list-style-type: none"> <input type="checkbox"/> Selected references (max. 10) Top 10 relevant publications to long-span aluminium structures are as follow: <ul style="list-style-type: none"> <input type="checkbox"/> Vigh L G , Okura I. Fatigue behaviour of Friction Stir Welded aluminium bridge deck segment. MATERIALS & DESIGN 44: pp. 119-127. (2013) <input type="checkbox"/> Fernezelyi Sándor, Kövesdi Balázs, Vigh L Gergely. Design of aluminium structures according to Eurocode 9 (Alumíniumszerkezetek tervezése az Eurocode 9 alapján). Budapest: TERC Kereskedelmi és Szolgáltató Kft., 2012. 218 p. (in Hungarian) <input type="checkbox"/> Vigh L G , Schnierer G , Buchmüller J , Pohl Á , Turányi B , Kiss L , St-Georges L , Dussault L. Conceptual Design of an Aluminium Bridge in Alma, QC. KEY ENGINEERING MATERIALS 710: pp. 383-389. (2016) <input type="checkbox"/> Vigh L G. Influence of curved flange-to-web connection on the transverse load resistance of extruded or hot-rolled I girders. THIN-WALLED STRUCTURES 60:(C) pp. 127-136. (2012) <input type="checkbox"/> Vigh László Gergely , Dib Abdelkarim. Plate Stability Verifications of Aluminium Plate Girders. KEY ENGINEERING MATERIALS 710: pp. 363-368. (2016) <input type="checkbox"/> Vigh LG , St-Georges L , Kiss IL , Fraser K. FSW-welded aluminium deck – Technology, analysis and design (FSW hegesztett alumínium pályalemez - Technológia, analízis és méretezés). FÉMSZERKEZETEK: TERVEZÉS, GYÁRTÁS, ÉPÍTÉS III:(1) pp. 31-35. (2014) (in Hungarian) <input type="checkbox"/> Vigh L G , Dunai L. Advanced stability analysis of regular stiffened plates and complex plated elements: (keynote lecture). In Proc. of SDSS' Rio 2010 International Colloquium on Stability and Ductility of Steel Structures. Rio de Janeiro , Brasil, 2010.09.08 -2010.09.10. pp. 81-100. <input type="checkbox"/> Vigh L G. Virtual and real test based analysis and design of non-conventional thin-walled metal structures. PhD dissertation. Budapest University of Technology and Economics, Budapest, Hungary. 128 p. <input type="checkbox"/> Okura I , Kitamura K , Akasaki K , Utaki T , Vigh L G , Mikawa K. Proposal of a new aluminum stiffened girder. KOZO KOGAKU RONBUNSHU A / JOURNAL OF STRUCTURAL ENGINEERING A 51A:(1) pp. 203-210. (2005)
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H index	4														

	<ul style="list-style-type: none"> □ Okura I , Naruo M , Vigh L G , Hagsawa N , Toda H. Fatigue of Aluminum Decks Fabricated by Friction Stir Welding. Proc. 8th International Conference on Joints in Aluminium. München, Germany, 2001.03.28 -2001.03.30. pp. 4.1.1-4.1.12. 										
<p>Teaching experience</p> <table border="1" data-bbox="151 369 459 515"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td>16</td> </tr> <tr> <td>PhD supervision</td> <td>3</td> </tr> <tr> <td>MSc supervision</td> <td>>100</td> </tr> <tr> <td>Lectured subjects</td> <td>6</td> </tr> </tbody> </table>	Description	#	Years of teaching	16	PhD supervision	3	MSc supervision	>100	Lectured subjects	6	<ul style="list-style-type: none"> □ Under-graduate teaching BSc <ul style="list-style-type: none"> Steel Buildings (Hungarian and English course) Aluminium Structures (Hungarian course) Building Design projectwork (Hungarian and English course) □ Post-graduate teaching MSc <ul style="list-style-type: none"> Structural Reliability (Hungarian and English course) Seismic Design (Hungarian and English course)
Description	#										
Years of teaching	16										
PhD supervision	3										
MSc supervision	>100										
Lectured subjects	6										
<p>International experience</p>	<ul style="list-style-type: none"> □ Organizing and/or scientific committee member of international conferences. □ IABSE Symposium 2006, Budapest; Member of the Organizing Committee □ Eurosteel Conference 2011, Budapest; Member of the Organizing Committee □ Reserch project: Development of aluminum bridge deck system, Osaka University and Japan Aluminium Association, Japan. □ Reserch project: Development of aluminum bridge system, Frontier Research Center at Osaka University, Japan. 										
<p>Cooperation with industry</p>	<ul style="list-style-type: none"> □ Participation as researcher, expert, co-designer and independent controller in steel and composite structure bridge design. Selected important projects: Pentele Danube-bridge, Megyeri Danube-bridge, M0 Danube-bridge, Fragility assessment of buildings in the area of Paks Nuclear Power Plant, Rutin HighPerFrame development of high performance steel frame systems for extreme events (fire, earthquake), involving reliability analysis based optimization of structures; laminated glass panes; BRB research, BME – Star Seismic Europe Kft., 										
<p>Prizes</p>	<ul style="list-style-type: none"> □ 2012 Talentum, TDK supervisor award, BME □ 2006 „Best lecture notes” award, Kari Hallgatói Tanács □ 2002 Diploma award of the Hungarian Steel Association (MAGÉSZ) □ 2001 25th National Scientific Student Symposium, 1st award □ 2000 Annual Scientific Student Symposium of Budapest University of Technology and Economics, Faculty of Civil Engineering, 1st award □ 1999: Dunaferri “Szendvics” Symposium of the Industry-based Training Course “Szendvics”, 1st award □ 1998-99 National Scholarship of the Republic □ 1998-99 Scholarship of Scientia et Conscientia Foundation □ 1998 Annual Scientific Student Symposium of Budapest University of Technology and Economics, Faculty of Civil Engineering, 1st award □ 1997, 1998, 2000: BME Scholarship □ 1996 Award of Fáy András Foundation □ 1995 National Practical and Theoretical Student Competition, Mechanical Engineering and Quality Control, 3rd place 										
<p>Languages</p>	<ul style="list-style-type: none"> □ English Fluent □ Japanese basic 										



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Degrees

□ Ing.	Civil Engineering	BME in Budapest	2007
□ PhD.	Civil Engineering	BME in Budapest	2010

Key Qualifications

- associate professor, BME Faculty of Civil Engineering, (2013-)
- assistant professor, BME Faculty of Civil Engineering, (2010-2013)
- Member of the CEN/TC250/SC3 WG5 (2017-)
- Member of the ECCS TWG 8.3 (Plated structures) (2007-)

Research focus

- Steel and steel-concrete composite structures
- Buckling of plated structures,
- Corrugated web girders
- High strength steel
- Steel connections
- Fatigue design of steel bridges
- Welding simulation

References

Description	#
ISI journal	18
Non-ISI journal	4
Conferences	25
Citations	102
Book chapters	2
H index	5

- Selected references (max. 10)
 - B Jáger, L Dunai, B Kövesdi: Experimental investigation of the M-V-F interaction behavior of girders with trapezoidally corrugated web ENGINEERING STRUCTURES 133: pp. 49-58. (2017).
 - B Jáger, B Kövesdi, L Dunai I-girders with unstiffened slender webs subjected by bending and shear interaction JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH 131: pp. 176-188. (2017)
 - D Kollár, B Kövesdi, J Néző: Numerical Simulation of Welding Process – Application in Buckling Analysis PERIODICA POLYTECHNICA-CIVIL ENGINEERING Paper 9257. 12 p. (2016)
 - B Somodi, B Kövesdi Flexural buckling resistance of cold-formed HSS hollow section members JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH 128: pp. 179-192. (2016)
 - B Somodi, B Kövesdi Residual stress measurements on cold-formed HSS hollow section columns JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH 128: pp. 706-720. (2016)
 - B Kövesdi, B Jáger, L Dunai: Bending and shear interaction behaviour of girders with trapezoidally corrugated webs JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH 121: pp. 383-397. (2016)
 - B Jáger, L Dunai, B Kövesdi: Girders with trapezoidally corrugated webs subjected by combination of bending, shear and path loading THIN-WALLED STRUCTURES 96: pp. 227-239. (2015)
 - B Kövesdi, L. Dunai Fatigue life of girders with trapezoidally corrugated webs: an experimental study INTERNATIONAL JOURNAL OF FATIGUE 64: pp. 22-32. (2014)
 - B Kövesdi, J Alcaine, L Dunai, E Mirambell, B Braun, U Kuhlmann: Interaction behaviour of steel I-girders Part I: Longitudinally unstiffened girders JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH 103: pp. 327-343. (2014)
 - B Kövesdi, J Alcaine, L Dunai, E Mirambell, B Braun, U Kuhlmann Interaction behaviour of steel I-girders Part II: Longitudinally stiffened girders JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH 103: pp. 344-353. (2014)

<p>Teaching experience</p> <table border="1"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td>10</td> </tr> <tr> <td>PhD supervision</td> <td>1</td> </tr> <tr> <td>MSc supervision</td> <td>>50</td> </tr> <tr> <td>Lectured subjects</td> <td>6</td> </tr> </tbody> </table>	Description	#	Years of teaching	10	PhD supervision	1	MSc supervision	>50	Lectured subjects	6	<ul style="list-style-type: none"> <input type="checkbox"/> Under-graduate teaching BSc <ul style="list-style-type: none"> <input type="checkbox"/> Steel Structures <input type="checkbox"/> Steel Bridges <input type="checkbox"/> Bridge Design projectwork <input type="checkbox"/> Structural Laboratory courses <input type="checkbox"/> Post-graduate teaching MSc <ul style="list-style-type: none"> <input type="checkbox"/> Stability of Structures <input type="checkbox"/> FEM Modelling of Structures <input type="checkbox"/> FEM Based Design <input type="checkbox"/> Design of 3D structures
Description	#										
Years of teaching	10										
PhD supervision	1										
MSc supervision	>50										
Lectured subjects	6										
<p>International experience</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Member of the „fib Hungarian Division”. <input type="checkbox"/> Member of the ECCS TWG 8.3. and invited guest in SC3 Evolution Group EN1993-1-5 committees <input type="checkbox"/> Since 2016 secretary of the ECCS Technical Working Group 8.3 (TWG83) <input type="checkbox"/> 2011 - 2015: Research Fund for Coal and Steel EU, RFSR-CT-2012-00036, RUOSTE, Rules On High Strength Steel. <input type="checkbox"/> Common research projects with University of Stuttgart, University of Ljubljana, RWHT Aachen. 										
<p>Cooperation with industry</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Participation as researcher, expert, co-designer and independent controller in steel and composite structure bridge design. Selected important projects: M0 Danube-bridge, M43 Tisza-bridge, Tisza-bridge in Vásárosnamény, pedestrian Tisza-bridge in Szolnok, M3 and M6 highway bridges, Lindab lightweight building system, Astron portal frame systems, Rutin HighPerFrame system. 										
<p>Prizes</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Fényi Gyula award bronze grade (1998) <input type="checkbox"/> Fényi Gyula award silver grade (2002) <input type="checkbox"/> Republican scholarship of the Hungarian State (2004; 2005; 2006) <input type="checkbox"/> Halász Ottó award (2006) <input type="checkbox"/> Award of the Pro Progressio Foundation (2007) <input type="checkbox"/> Award of the Gallus Rehm Foundation (2007) <input type="checkbox"/> Award of the Hungarian Engineer Chamber <input type="checkbox"/> 7th Trimo research award (2008) <input type="checkbox"/> Dr. Szittner Antal award (2010) 										
<p>Languages</p>	<ul style="list-style-type: none"> <input type="checkbox"/> English Fluent <input type="checkbox"/> German Fluent 										