



CȘD-CD

**DECLARAȚIE DE DEPUNERE A CANDIDATURII PENTRU
FUNȚIA DE MEMBRU AL CONSILIULUI ȘCOLII DOCTORALE AL
INSTITUȚIEI ORGANIZATOARE DE STUDII UNIVERSITARE DE DOCTORAT
UNIVERSITATEA POLITEHNICA TIMIȘOARA**

Subsemnatul, Dinu Florea prin prezenta îmi depun candidatura pentru funcția de membru al Consiliului Școlii Doctorale al instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timișoara.

Anexez următoarele documente, în conformitate cu art. 20 al Regulamentului instituțional de organizare și desfășurare a alegerilor pentru structurile organizatorice și funcțiile de conducere ale studiilor universitare de doctorat la nivelul instituției organizatoare de studii universitare de doctorat Universitatea Politehnica Timișoara:

- Curriculum vitae;
- Autoevaluarea cu privire la îndeplinirea standardelor minimale și obligatorii pentru acordarea atestatului de abilitare, în vigoare, aprobate prin ordin al ministrului educației, cercetării, tineretului și sportului, potrivit art. 219 alin. (1) lit. a) din Legea nr. 1/2011;

Data

10.01.2017

Semnătura



Europass Curriculum Vitae



Personal information

Surname/ First name **DINU Florea**
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Telephone 0040 256 403 912; 0040 722 460 349
Fax 0040 256 403917
E-mail florea.dinu@upt.ro
Nationality Romanian
Date of birth 26.07.1969
Gender Male
Occupational field Academic
Position Professor, Politehnica University Timisoara

Work experience

2014-present Professor
Politehnica University Timisoara
Lectures: Metal structures (undergraduate); Special metal structures (undergraduate); Robustness of structures (master); Safety of structures (master); Project: High-rise steel buildings (master)

2007-2014 Associate Professor
Politehnica University Timisoara

2005-2007 Senior lecturer
Politehnica University Timisoara

2001 – 2005 Senior researcher
Romanian Academy, Timisoara Branch
Research on stability of steel structures; advanced analysis of steel structures; multi-story structures; behavior of beam to column joints; steel structures in seismic areas

1994 – 2001 Assistant researcher
Romanian Academy, Timisoara Branch

Research on stability of steel structures; advanced analysis of steel structures; multi-story structures; behavior of beam to column joints; steel structures in seismic areas

Education and training

- 2015 PhD Coordinator
- 2014 Habilitation Degree, Dissertation "Contributions to the behavior of structures under extreme loading"
Politehnica University Timisoara
- 1994-2003 1994-2003
PhD in Civil Engineering
Title of the thesis: Behavior of multi-story frames with semi-rigid joints
Politehnica University Timisoara
Coordinator: Acad. Dan Mateescu
- 2002 Training in Strucad (CAD/CAM/CAE)
CCS, Greece
- 1999 Training in TEKLA XSteel (CAD/CAM/CAE)
Tekla office, Consoft SRL, Miercurea Ciuc, Romania
- 1999 (10 weeks) Research stage, COPERNICUS RECOS Project
National Technical University of Athens, Greece
- 1999 (2 weeks) Course "Rehabilitation and Seismic Upgrading of Buildings"
International Centre For Mechanical Sciences – CISM, Udine, Italy
- 1998 (10 weeks) Research stage, COPERNICUS RECOS Project
National Technical University of Athens, Greece
- 1997 (2 weeks) Education in steel structures TEMPUS S-JEP 11297
University of Liege, Belgium
- 1994-1995 Master degree in Civil Engineering
Rehabilitation of constructions
Politehnica University Timisoara, Faculty of Civil Engineering
- 1989-1994 BSc in Civil Engineering
Politehnica University Timisoara, Faculty of Civil Engineering

"Politehnica" University of Timisoara, Civil Engineering Faculty

Personal skills and competences

Mother tongue
Page 2/5 - Curriculum vitae of
Florea Dinu

Romanian



Other languages	Understanding		Speaking		Writing
Self-assessment	Listening	Reading	Spoken interaction	Spoken production	
European level (*)					
English	C1	C2	C2	C2	C2
French	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Good communicator, Teamwork capability

- Organizational and managerial skills
1. Coordinator: National research grant "Criterii de precalificare a îmbinărilor ductile ale cadrelor metalice necontravantuite", MEC, Grant CNCSIS, 2005-2006.
 2. Coordinator: Concepția structurală și proiectarea pe baza controlului mecanismului de cedare a structurilor multetajate supuse la acțiuni accidentale CODEC, PNII-PT-PCCA 55/21012, 2012-2016, total budget 2 283 088 lei.
 3. Coordinator: Validarea experimentală a răspunsului unei clădiri în cadre supuse acțiunii exploziilor FRAMEBLAST, PN-III-P2-2.1-PED-2016-0962, 2017-2018, total budget 600 000 lei.
 4. Team member at national and international research projects (COPERNICUS- RECOS, HSS-SERF, CEEEX MATNANTECH, FP7 SERIE "DUAREM, RFCS DiSTEEL).
 5. Member of Management Committee of COST C26 action "Urban Habitat Constructions under Catastrophic Events", 2005-2010.
 6. Member of Management Committee of COST C12 action "Improvement of buildings structural quality by new technologies", 1999-2004.
 7. Organization of several international and national conferences and symposiums, connected to area of interest. As reference:
 - Organizing Committee of the International Colloquia on Stability and Ductility of Steel SDSS 1999, Timisoara, Romania.
 - Organizing Committee of the International Conference in Metal Structures: Steel – A New and Traditional Material for Building, Poiana Brasov, Romania, 20-22 September 2006.
 - Organizing Committee of the 6th International Conference on Thin Walled Structures, 05 – 07 September 2011, Timisoara, Romania.
 - Organizing Committee of the VII INTERNATIONAL WORKSHOP ON CONNECTIONS IN STEEL STRUCTURES, Timisoara 30 May - 02 June 2012.
 - Organizing Committee of the International Colloquia on Stability and Ductility of Steel SDSS 2016, Timisoara, Romania.
 8. Invited lecturer:
 - SUSCOS Erasmus Mundus Master Course "Sustainable Constructions under natural hazards and catastrophic events", 2012-2016.
 - Training School for Early Stage researchers, Cost C25&Cost C26, 2010
 - Turkish Association for Constructional Steelwork TUKSA, 2009)
 9. Session chairman at international conferences (EUROSTEEL 2008, Netherland; SSCS 2010, Turkey; ICTWS 2011, Timisoara; Conference on Engineering Research University of Pécs, Pollack Mihály Faculty of Engineering, 2010, Pécs, Hungary).
 10. Participation at more than 40 international conferences, workshops, seminars.

Technical skills and competences Technical skills in the field of design, rehabilitation and execution of civil and industrial steel buildings

Computer skills and competences Good computer skills. Use of computer codes for structural modeling and fabrication (CAD/CAM/CAE) and design (FEM), office and internet communications: SAP2000, ETABS, Robot, CSICOL, CoP, Steel Con, AXIS VM, TEKLA XSteel, Extreme loading for structures ELS, STRUCAD, MULTI STEEL, AUTOCAD, MSOFFICE.

Additional information

- Affiliation to professional and scientific organizations
- AICPS (Romanian Association of Structural Engineers)
 - APCMR (Romanian Convention for Constructional Steelwork)
 - AGIR (Romanian Association of Engineers)
 - Technical Committee TC13 (Seismic Design) of European Convention for Constructional Steelwork (ECCS)
 - Technical Committee TC10 (*Sustainability & Eco-Efficiency of Steel Construction*) of European Convention for Constructional Steelwork (ECCS)
 - Reviewer for: Journal of Structural Engineering-ASCE; Journal of Structure and Infrastructure Engineering, Journal of Engineering Structures; Journal of Maintenance, Management, Life-Cycle Design and Performance, Bulletin of Earthquake Engineering.
 - PhD Defense Juries
- Honours and awards
- 2007: European Convention for Constructional Steelwork ECCS Steel Design Award for the design of the Tower Center International building (D. Dubina, F. Dinu, A. Stratan, A. Ciutina).
 - 2003: European Convention for Constructional Steelwork ECCS Steel Design Award for the design of the Banc Post Timisoara building (D. Dubina, F. Dinu, A. Stratan, A. Ciutina).
 - 2010: Special Prize, Romanian Association of Structural Engineering (AICPS) for the design of a 5 story building, Constanta, (D. Dubina, V. Ungureanu, F. Dinu).
 - 2007: 1st prize, Romanian Association of Structural Engineering (AICPS) for the design of the Tower Center International building (D. Dubina, F. Dinu, A. Stratan, A. Ciutina).
 - 2005: 1st Prize, Romanian Association of Structural Engineering (AICPS) for the design of the Banc Post Timisoara building (D. Dubina, F. Dinu, A. Stratan, A. Ciutina).
 - 2004: 1st Prize, Romanian Association of Structural Engineering for the design of the Orhidea Bricostore building (D. Dubina, F. Dinu).
- Publications (selection)
- ISI Journals, ISI Proceedings
- Dubina, D., Zaharia, R., Georgescu, M., Dinu, F., Olar, Gh., Nagy, Z., Some particular problems regarding the use of light steel single-storey industrial structures in Romania, *Journal of Constructional Steel Research* 46 (1-3), pp. 331-334, 1998.
 - Vayas, I., Sophocleous, A., Dinu, F., Fatigue analysis of moment resisting steel frames, *Journal of Earthquake Engineering* 7 (4), pp. 635-654, 2003.
 - D. Grecea, F. Dinu, D. Dubina: Performance criteria for MR steel frames in seismic zones, *Journal of Constr. Steel Research*, Vol. 60, 2004, 739-749 Elsevier Science, U.K.
 - Dubina, D., Dinu, F., Zaharia, R., Ungureanu, V., Grecea, D., Opportunity and effectiveness of using high strength steel in seismic resistant building frames, *Proceedings of the International Conference in Metal Structures - Steel - A New and Traditional Material for Building*, pp. 501-510, 2006.
 - Dubina, D., Dinu, F., Stratan, A., Ciutina, A., Analysis and design considerations regarding the project of Bucharest tower centre steel structure, *Proceedings of the International Conference in Metal Structures - Steel - A New and Traditional Material for Building*, pp. 601-608, 2006.
 - F. Dinu, D. Dubina, Robustness of seismic resistant multistory frame buildings in case of accidental column loss scenarios, *Behaviour of Steel Structures in Seismic Areas, STESSA 2009*.
 - D. Dubina, F. Dinu, A. Stratan, Tower Centre International building in Bucharest Part II: Performance-based seismic evaluation and robustness, *Steel Construction*, Volume 3, Issue 1, pages 14-18, March 2010, Article first published online: 18 MAR 2010, DOI: 10.1002/stco.201010003.
 - F. Dinu, D. Dubina, A. Ciutina, Robustness performance of seismic resistant building frames under abnormal loads, *Structures & Architecture, ICSA 2010 - 1st International Conference on Structures & Architecture*, July 21-23 July, 2010 in Guimaraes, Portugal.
 - Dubina, D., Stratan, A., Dinu, F., Dual high-strength steel eccentrically braced frames with removable links, *Earthquake Engineering and Structural Dynamics* 37 (15), pp. 1703-1720, 2008
 - Neagu, C., Dinu, F., Dubina, D., Seismic performance of steel plate shear walls structures, *Pollack Periodica* 6 (1), pp. 47-58, 2011.
 - Dubina, D., Bordea, S., Dinu, F., Experimental and numerical investigation of nonseismic reinforced concrete frames strengthened with concentric steel braces, *ECCOMAS Thematic Conference - COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering: An IACM Special Interest Conference*, 2011.



- Dinu, F., Neagu, C., Dubina, D., Evaluation of energy dissipation capacity of steel frames with steel shear walls, ECCOMAS Thematic Conference - COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering: An IACM Special Interest Conference, Programme, 2011.
- D. Dubina, F. Dinu: Robustness based structural design: an integrated approach for multihazard risk mitigation, Applied Mech. and Materials Vol. 82 (2011) pp 770-777, Online at www.scientific.net, Trans Tech Public., CH, doi:10.4028/www.scientific.net/AMM.82.770 (CO).
- D. Dubina, A. Stratan, F. Dinu, Re-centring capacity of dual-steel frames, Steel Construction, Volume 4, Issue 2, pages 73–84, June 2011, Article first published online: 17 JUN 2011, DOI: 10.1002/stco.201110011.
- F. Dinu, D. Dubina, C. Neagu, C. Vulcu, D. Marcu, Experimental calibration of numerical models for short coupling beams of a multi-story frame structure, 15th World Conference on Earthquake Engineering, 24 - 28 september, 2012, Lisbon, Portugal.
- Dubina Dan, Dinu Florea, Experimental evaluation of dual frame structures with thin-walled, steel panels, Thin-walled structures, 78, 2014.
- F. Dinu, Dubina Dan, Ioan Marginean, Improving the structural robustness of multi-story steel-frame buildings, Structure and Infrastructure Engineering, DOI: 10.1080/15732479.2014.927509, Volume 11, Issue 8, August 2015, pages 1028-1041.
- Florea Dinu, Dan Dubina, Ioan Marginean, Calin Neagu, Ioan Petran, Structural Connections of Steel Building Frames under Extreme Loading, Advanced Materials Research, Volume 1111, DOI 10.4028/www.scientific.net/AMR.1111.223 ISSN: 1022-6680, 2015.
- Florea Dinu, Dan Dubina, Cristian Vulcu, Calin Neagu, Design by qualification testing of reduced beam section welded connections, Advanced Materials Research, Volume 1111, DOI 10.4028/www.scientific.net/AMR.1111.229 ISSN:1022-6680, 2015.
- Florea Dinu, Ioan Marginean, Dan Dubina, Ioan Petran, Experimental testing and numerical analysis of 3D steel frame system under column loss, Engineering Structures, Volume 113, 15 April 2016, Pages 59–70

Code drafting activity (selective list)

1. Proiectarea structurilor rezistente la actiuni seismice: Partea 1: reguli generale, actiuni seismice si reguli pentru cladiri. Anexa nationala de aplicare a Eurocodului EN 1998 – 1: 2004.
2. Proiectarea structurilor rezistente la actiuni seismice: Partea 1: reguli generale, actiuni seismice si reguli pentru cladiri. Anexa nationala de aplicare a Eurocodului EN 1998 – 1: 2004.
3. Colaborare la P100/1. Cod de proiectare seismică a clădirilor. Vol.2. Comentarii și exemple de calcul.
4. Colaborare la P100/3. Cod de evaluare și proiectare a lucrărilor de consolidare la clădiri existente vulnerabile seismic. Vol. 1 - Evaluare. Vol. 2 – Consolidare.
5. Adoptare prin traducere a urmatoarelor standarde europene: EN 1993-1-3:2006, EN 1993-1-7: 2006, EN 1993-1-5: 2006, EN 1993-1-6: 2006, EN 1993-1-12: 2006.
6. Calculul structural global al structurilor metalice in conformitate cu SR EN 1993-1-1 si SR EN 1998-1. Recomandari, comentarii si exemple de aplicare.
7. Verificarea la stabilitate a elementelor structurale din otel în conformitate cu SR EN 1993-1-1. Recomandari de calcul, comentarii si exemple de aplicare.

Timisoara, 10.01.2017



Prof.dr.ing. Florea Dinu

Centralizator Standarde minimale necesare si obligatorii pentru obtinerea abilitarii

1. Structura activitatii candidatului							Activitate candidat				
Nr. crt.	Domeniul activitatilor	Tipul activitatilor	Categorie si restrictii	Subcategoriile	Indicatori (kpl)	Criterii minime necesare (PROFESOR)	Numar realizat	Suma indicatori realizati			
0	1	2	3	4	5	6	7	8			
1	Activitatea didactica si profesionala (A1)	1.1 Carti si capitole in carti de specialitate	1.1.1 Carti /capitole ca autor; pentru profesor minim 2	1.1.1.1 internationale	nr. pagini/(2*nr. autori)		3	25,00			
				1.1.1.2 nationale	nr. pagini/(5*nr. autori)		3	11,00			
			1.1.2 Carti/capitole de carti ca editor/ coordonator	1.1.2.1 internationale	nr. pagini/(3*nr. autori)		0	0,00			
				1.1.2.2 nationale	nr. pagini/(7*nr. autori)		0	0,00			
		1.2 Suport didactic	1.2.1 Manuale, suport de curs; pentru profesor minim 2 din care 1 ca prim autor		nr. pagini/(10*nr. autori)		10	118,92			
				1.2.2 Indrumatoare de laborator/aplicatii; pentru profesor minim 2 din care 1 ca prim autor	nr. pagini/(20*nr. autori)		1	0,97			
		1.3 Coordonare programe de studii, organizare si coordonare programe de formare continua si proiecte educationale (POS, Socrates, Leonardo, sa)		Punctaj max. 10 activitati pentru profesor			10		4	40,00	
								Σ kpl ≥ 80		195,89	
		2	Activitatea de cercetare (A2)	2.1 Articole in reviste cotate ISI Thomson Reuters si in volume indexate ISI proceedings	Minim 8 articole pentru Profesor			(25+20 * factor impact)		25	287,81
					Minim 5 articole pentru Conf.			(25+20 * factor impact)			
2.2 Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale	Minim 12 articole pentru Profesor				20 / nr. de autori	34	206,68				
	Minim 8 articole pentru Conf.				20 / nr. de autori						
2.3 Proprietate intelectuala, brevete de inventie				2.3.1 Cotate ISI	50 / nr. de autori						
				2.3.2 Internationale, necotate ISI	35 / nr. de autori						
				2.3.3 Nationale	25 / nr. de autori						
2.4 Granturi / proiecte castigate prin competitie	2.4.1 Director/ responsabil Min 2 pt profesor			2.4.1.1 internationale	20* ani de desfasurare	0	0				
	2.4.2 Membru in echipa			2.4.2.1 internationale	10 * ani de desfasurare	5	160				
2.5 Proiecte de cercetare/consultanta (valoarea de min 10000eur echivalent)	2.5.1 Responsabil				5/proiect	6	240				
		2.5.2 Membru in echipa		5 * ani de desfasurare	4	65					
						Σ kpl ≥ 300		974,48			
3	Recunoasterea si impactul activitatii (A3)	3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI		3.1.1 ISI	5 / nr aut art.citat		23	56,94			
				3.1.2 BDI	3 / nr aut art.citat		8	2			
		3.2 Prezentari invitate in plenum unor manifestari stiintifice nationale si internationale si Profesor invitat (exclusiv ERASMUS)	Punctaj unic pentru fiecare activitate (maxim 10 activitati pentru profesor)	3.2.1 internationale	10		2	20,00			
				3.2.2 nationale	5		0	0,00			
		3.3 Membru in colectivele de redactie sau comitete stiintifice ale revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice, recenzor pentru reviste si manifestari stiintifice nationale si internationale	Punctaj unic pentru fiecare activitate (maxim 10 activitati pentru profesor)	3.3.1 ISI	10		4	70,00			
				3.3.2 BDI	6		0	0,00			
				3.3.3 nationale si internationale neindexate	3		1	3,00			
		3.4 Experienta de management		3.4.1 Conducere (rector, prorector, cancelar, decan, prodecan, dir. Dept, director scoala doctorala, director, director adj., sef sectie)	5*nr.ani		0	0,00			
				3.4.2 Membru organisme conducere (senat, consiliu facultate, consiliu departament, cond administratie, consiliu stiintific)	2*nr.ani		1	4,00			
		3.5 Premii		3.5.1 Academia Romana	30						
				3.5.2 ASAS, AOSR, Academii de ramura si CNCSIS	15						
				3.5.3 Premii internationale	10		2	20,00			
				3.5.4 Premii nationale in domeniu	5		5	25,00			
		3.6 Membru in academie, organizatii, asociatii profesionale de prestigiu, nationale si internationale, apartenenta la organizatii din domeniul educatiei nationale si cercetarii	3.6.1 Academia Romana		100						
				3.6.2 ASAS, AOSR, si academi de ramura	30						
				3.6.3 Conducere asociatii profesionale	3.6.3.1 internationale		30	0	0		
					3.6.3.2 nationale		10	0	0		
				3.6.4 Asociatii profesionale	3.6.4.1 internationale		5	1	10,00		
3.6.4.2 nationale	2				3	6,00					
3.6.5 Consilii si organizatii in domeniul educatiei si cercetarii	3.6.5.1 Conducere		15	0	0						
		3.6.5.2 Membru	10	1	30,00						
						Σ kpl ≥ 71		244,94			
Indicatorul de merit (A = A1+A2+A3)						Σ kpl + Σ k21 + Σ k31	≥ 450	1415,32			

1.1 Carti si capitole în carti de specialitate

1.1.1.1 Internationale

Nr. Crt	Autori	Titlul cartii	Editura	Anul	ISBN și / sau ISSN	Nr pagini	Nr autori	Indicator realizat
25.00								
1	Dan Dubina, Aurel Stratan, Adrian Ciutina, Dinu Florea	Moment Resistant Connections of Steel Building Frames in Seismic Areas	E & FN Spon, London	2000	ISBN 0-415-23577-4	40	4	5
2	Dinu Florea	Vulnerability and damageability of constructions under impact and explosion", COST Action Final Report – Urban Habitat Constructions under Catastrophic Events	2010 Taylor & Francis Group, London	2010	ISBN: 978-0-415-60686-8	32	1	16.00
3	Dan Dubina, Dinu Florea, Daniel Grecea	ESDEP WG14: Structural systems: Buildings Lecture 14.13: Design of Multi-Storey Frames with Partial Strength and Semi-Rigid Connections	WIVISS Wider Vocational Initiative in Structural Steelwork, The Steel Construction Institute 1997	1997	pe suport magnetic-CD (http://www.sci.com)	24	3	4.00

1.1 Carti si capitole în carti de specialitate

1.1.1 Carti /capitole ca autor; pentru profesor minim 2

1.1.1.2 Nationale

Nr. Crt	Autori	Titlul cartii	Editura	ISBN si / sau ISSN	Anul	Nr pagini	Nr autori	Indicator realizat
1	Dinu Florea, Daniel Grecea	Construcții amplasate în zone cu mișcări seismice puternice	Orizonturi Universitare, Timisoara	ISBN 973-8391-90-3 -	2003	60	2	6
2	Dinu Florea, Daniel Grecea	"Calculul structurilor metalice - Design of Steel Structures, Eurocode3, Exemple de calcul - Worked Examples, Chapt.10"	Ed. Bridgeman Ltd. Timișoara, Romania	ISBN 973-8391-90-3 -	1997	30	2	3
3	D.Dubina, M.Georgescu, Dinu Florea, R.Zaharia	"New Technologies and Structures in Civil Engineering, Case studies on Remarkable Constructions"	Ed. Orizonturi Universitare Timișoara	ISBN 973-9400-40-X,	1999	40	4	2

1.2 Suport didactic

1.2.1 Manuale, suport de curs

Nr. Crt	Autori	Titlul cartii	Editura	ISBN și / sau ISSN	Anul	Nr pagini	Nr. autori	Indicator realizat
118.92								
1	Dinu Florea	Metode de calcul nelinier al structurilor în cadre metalice solicitate la acțiunea seismică	Orizonturi Universitare, Timisoara	ISBN 10 – 973 – 638 – 282 - 6	2006	170	1	17.00
2	Dinu Florea, s.a.	Normativ privind prescripțiile generale de proiectare. Verificarea prin calcul a elementelor de construcții metalice și a îmbinărilor acestora – NP 042-2000	Buletinul Construcțiilor	Buletinul Construcțiilor vol. 19-20/2001, pag. 103-339	2001	236	5	4.72
3	Dinu Florea	Special Metal Structures, IV ICE	e-book	http://www.ct.upt.ro/users/DinuFlorea/Spec_met_str.pdf	2012	113	1	11.30
4	Dinu Florea	Steel structures, III ICE	e-book	http://www.ct.upt.ro/users/DinuFlorea/Steel_str_III.pdf	2012	270	1	27.00
5	Dinu Florea	Steel structures, IV ICE	e-book	http://www.ct.upt.ro/users/DinuFlorea/Steel_str_IV.pdf	2012	200	1	20.00
6	Dinu Florea	Industrial buildings	e-book	http://www.ct.upt.ro/suscoc/2013_2015.htm	2014	32	1	3.20
7	Dinu Florea	Multi storey buildings	e-book	http://www.ct.upt.ro/suscoc/2013_2015.htm	2014	45	1	4.50
8	Dinu Florea	Tall buildings	e-book	http://www.ct.upt.ro/suscoc/2013_2015.htm	2014	42	1	4.20
9	Dinu Florea	Special structures	e-book	http://www.ct.upt.ro/suscoc/2013_2015.htm	2014	70	1	7.00
10	Dinu Florea	Robustness of structures	e-book	http://www.ct.upt.ro/suscoc/2013_2015.htm	2014	200	1	20

1.3 Coordonare de programe de studii, organizare si coordonare programe de formare continua, proiecte educationale

Nr. Crt	Programul	Facultatea/ Departamentul prin care s-a implementat	Indicator realizat
			40
1	Coordonator acord cooperare Acecad, UK, training certificat pentru proiectare asistata III, IV ICE	Facultatea de Constructii/ CMMC	10
2	Organizare curs international IACES, 2010	Facultatea de Constructii/ CMMC	10
3	Organizare curs international IACES, 2012	Facultatea de Constructii/ CMMC	10
4	Organizare curs international IACES, 2016	Facultatea de Constructii/ CMMC	10

2.1 Articole in reviste cotate ISI Thomson Reuters si in volumele indexate ISI Proceedings

2.1.1 Articole in reviste cu factor de impact

Nr. Crt	Autori	Titlul lucrării	Revista	Anul	Vol (Nr.)	Factor de impact	Nr autori	Indicator realizat
								142.39
1	D Dubina, R Zaharia, M Georgescu, Dinu Florea, Gh Olar, Z Nagy	Some particular problems regarding the use of light steel single-storey industrial structures in Romania	Journal of Constructional Steel Research	1998	46(1)	1.702	6	9.84
2	Dubina Dan, Stratan Aurel, Dinu Florea	Dual high-strength steel eccentrically braced frames with removable links	Earthquake Engineering and Structural Dynamics	2008	vol. 37, no. 15	2.127	3	22.51
3	Daniel Grecea, Dinu Florea, Dan Dubina	Performance criteria for MR steel frames in seismic zones	Journal of Constructional Steel Research	2004	01/2004; 60(3)	1.702	3	19.68
4	I. Vayas, A. Sophocleous, Dinu Florea	Fatigue analysis of MR steel frames	JOURNAL OF EARTHQUAKE ENGINEERING	2003	7 (4)	0.922	3	14.48
5	Dubina Dan, Dinu Florea	Experimental evaluation of dual frame structures with thin-walled steel panels	Thin walled structures	2014	78/2014	2.063	2	33.13
6	Dinu Florea, Dubina Dan, Ioan Marginean	Improving the structural robustness of multi-story steel-frame buildings	Structure and Infrastructure Engineering	2015	11, Issue 8, 2015	2.805	3	27.03
7	Dinu Florea, Dubina Dan, Ioan Marginean, Ioan Petran	Experimental testing and numerical analysis of 3D steel frame system under column loss	Engineering Structures	2016	Volume 113, 2016	1.893	4	15.715

**2.1 Articole in reviste cotate ISI Thomson Reuters si in
 volumele indexate ISI Proceedings
 volume indexate ISI Proceedings**

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Ziua, luna	ISBN și / sau ISSN	Nr autori	Indicator realizat
145.42								
1	Dubina D, Dinu Florea, Zaharia R, Ungureanu V, Grecea D	Opportunity and effectiveness of using High strength steel in seismic resistant building frames	International Conference on Metal Structures, Poiana Brasov, Romania	2006	20-22.09	0-415-40817-2	5	5.00
2	Dubina D., Dinu Florea, Neagu Calin	Global performance of steel frames of shear walls	7th International Conference on Behaviour of Steel Structures in Seismic Areas STESSA, Santiago, CHILE	2012	9-11.01	ISBN: 978-0-415-62105-2	3	8.33
3	Dinu Florea, Dubina D.	Robustness based design of steel building frames under extreme loads	7th International Conference on Behaviour of Steel Structures in Seismic Areas STESSA, Santiago, CHILE	2012	9-11.01	ISBN: 978-0-415-62105-2	2	12.50
4	Dinu Florea, Bordea S., Dubina D.	Strengthening of non-seismic reinforced concrete frames of buckling restrained steel braces	7th International Conference on Behaviour of Steel Structures in Seismic Areas STESSA, Santiago, CHILE	2012	9-11.01	ISBN: 978-0-415-62105-2	3	8.33
5	Dubina D., Dinu Florea	Robustness based structural design: an integrated approach for multi-hazard risk mitigation	3rd International Workshop on Performance, Protection and Strengthening of Structures Under Extreme Loading, Lugano, SWITZERLAND	2011	30.08-01.09	ISBN-13: 978-3-03785-217-0	2	12.50

6	Neagu C, Dubina D, Dinu Florea	Seismic performance of ductile shear wall frame systems	11th WSEAS International Conference on Sustainability in Science Engineering (SSE 09), Timisoara, ROMANIA	2009	27-29.05	ISBN 978-960-474-080-2	3	8.33
7	Dinu Florea, Neagu C, Dubina D	A comparative analysis of performances of high strength steel dual frames of buckling restrained braces vs. dissipative shear walls	6th International Conference on Behaviour of Steel Structures in Seismic Areas, Philadelphia, PA	2009	16-20.08	ISBN978-0-415-56326-0	3	8.33
8	Dinu Florea, Dubina D.	Robustness of seismic resistant multistory frame buildings in case of accidental column loss scenarios	6th International Conference on Behaviour of Steel Structures in Seismic Areas, Philadelphia, PA	2009	16-20.08	ISBN978-0-415-56326-0	2	12.50
9	Dubina D, Dinu Florea, Stratan A, Ciutina A	Analysis and design considerations regarding the project of Bucharest Tower Centre steel structure	International Conference on Metal Structures, Poiana Brasov, Romania	2006	20-22.09	0-415-40817-2	4	6.25
10	Grecea D, Dubina D, Dinu Florea	Partial q-factor values for performance based design of MR frames	STESSA 2003 - Behaviour of Steel Structures in Seismic Areas, Napoli, Italia	2003	09-12.06	ISBN 9789058095770	3	8.33
11	Stratan A, Dubina D, Dinu Florea	Control of global performance of seismic resistant EBF with removable link	STESSA 2003 - Behaviour of Steel Structures in Seismic Areas, Napoli, Italia	2003	09-12.06	ISBN 9789058095770	3	8.33
12	Dinu F, Stratan A, Dubina D	Influence of strain rate on the weld detailing behaviour in MR connections	STESSA 2003 - Behaviour of Steel Structures in Seismic Areas, Napoli, Italia	2003	09-12.06	ISBN 9789058095770	3	8.33
13	Dubina D, Ciutina A, Stratan A, Dinu F	Global performance of steel moment resisting frames with semi-rigid joints	6th International Colloquium, First Session, SDSs'99, Timisoara, Romania	1999	09-11.09	80430163	4	6.25

14	Dinu Florea, Dubina D., Stratan A, Grecea D	Performance based design of steel frames	Improvement of Buildings' Structural Quality by New Technologies - Proc. of the Final Conference of COST Action C12	2005	20- 22.01.2 005	0415366097; 978- 041536609-0	4	6.25
15	Dinu Florea, s.a.	STRUCTURAL RESPONSE OF MULTI-STOREY STEEL BUILDING FRAMES TO EXTERNAL BLAST LOADING	IRF2016: 5TH INTERNATIONAL CONFERENCE INTEGRITY- RELIABILITY-FAILURE	2016	24- 28.07.2 016	WOS:000388 368100216	5	5.00
16	Dinu Florea, s.a.	INFLUENCE OF COMPOSITE SLABS AND BEAMS ON THE PROGRESSIVE COLLAPSE RESISTANCE OF STEEL FRAME BUILDINGS	IRF2016: 5TH INTERNATIONAL CONFERENCE INTEGRITY- RELIABILITY-FAILURE	2016	24- 28.07.2 016	WOS:000388 368100220	4	6.25
17	Senila M., Dinu Florea, s.a.	NUMERICAL MODELS FOR STEEL AND COMPOSITE ECCENTRICALLY BRACED FRAMES UNDER SEISMIC ACTIONS	IRF2016: 5TH INTERNATIONAL CONFERENCE INTEGRITY- RELIABILITY-FAILURE	2016	24- 28.07.2 016	WOS:000388368 100221	4	6.25
18	Dinu Florea, Dubina D., Ciutina A.	Robustness performance of seismic resistant building frames under abnormal loads	1st International Conference on Structures and Architecture (ICSA) Guimaraes, PORTUGAL	2010	JUL 21- 23, 2010	WOS:000320 604900075	3	8.33

2.2 Articole in reviste si volumele unor manifestari stiintifice
 indexate in alte baze de date internationale

Nr. Crt	Autori	Titlul lucrării	Revista/ Conferinta	BDI (Baza de date internațională)	Anul	ISBN/Vol. Nr.	Nr autori	Indicator realizat
206.68								
1	Dinu Florea, Dubina D., Ciutina Adrian	Robustness performance of seismic resistant building frames under abnormal loads	Structures and Architecture, Guimaraes, Portugal	mathnetbase	2010	ISBN 978-0-415-49249-2	3	6.67
2	Dubina D., Bordea S., Dinu Florea	Experimental and numerical investigation of nonseismic reinforced concrete frames strengthened with concentric steel braces	ECCOMAS Thematic Conference - COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, Corfu, Grecia	Scopus	2011	ISBN: 978-960-99994-1-0	3	6.67
3	Dinu Florea, Calin Neagu, Dan Dubina	Evaluation of energy dissipation capacity of steel frames with steel shear walls	ECCOMAS Thematic Conference - COMPDYN 2011: 3rd International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, Corfu, Grecia	Scopus	2011	ISBN: 978-960-99994-1-0	3	6.67
4	Dinu Florea, Dubina Dan	Effect of column loss on the robustness of a high rise steel building	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	mathnetbase	2010	ISBN 978-0-415-60685-1.	2	10.00
5	Dinu Florea, Dubina Dan	Direct design approach for seismic resistant steel frame buildings under extreme loading	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	mathnetbase	2010	ISBN 978-0-415-60685-1.	2	10.00

6	D. Dubina, A. Stratan, Dinu Florea, D. Grecea, N. Muntean, C. Vulcu	Application of high strength steel to seismic resistant multi-storey buildings	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	mathnetbase	2010	ISBN 978-0-415-60685-1.	6	3.33
7	Dinu Florea, Dubina Dan, A. Stratan	Evaluation of re-centring capability of dual frames with removable dissipative members: case study for eccentrically braced frames with bolted links	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	mathnetbase	2010	ISBN 978-0-415-60685-1.	3	6.67
8	Dinu Florea, Dubina Dan, Calin Neagu	Experimental evaluation of q factor for dual steel frames with dissipative shear walls	COST Action Final Conference – Urban Habitat Constructions under Catastrophic Events, 16-18 September 2010, Naples, Italy, CRC Press, A Balkema Book	mathnetbase	2010	ISBN 978-0-415-60685-1.	3	6.67
9	Dubina D., Dinu Florea, Stratan A.	Design and performance based evaluation of Tower Centre International building in Bucharest. Part I: Structural design Steel	Steel Construction	wiley	2009	ISSN 1867-0520	3	6.67
10	Dubina D., Dinu Florea, Stratan A.	Design and performance based evaluation of Tower Centre International building in Bucharest. Part II: Performance based evaluation Steel Construction	Steel Construction	wiley	2010	ISSN 1867-0520	3	6.67
11	Dubina D., Stratan A., Dinu Florea	Re-centring capacity of dual-steel frames Steel Construction	Steel Construction	wiley	2011	ISSN 1867-0520	3	6.67
12	Dinu Florea, D. Dubina, C. Neagu, I. Both, C. Vulcu, S. Herban	Experimental and numerical evaluation of a rbs coupling beam for moment steel frames in seismic areas	Steel Construction	wiley	2012	ISSN 1867-0520	6	3.33
13	Neagu C, Dubina D., Dinu Florea	Seismic performance of steel plate shear walls structures	Pollack Periodica	Scopus	2011	1788199	3	6.67
14	Neagu C, Dubina D., Dinu Florea	Design of steel frames of dissipative shear walls	Proceedings of SDSS RIO 2010: International Colloquium Stability and Ductility of Steel Structures	Scopus	2010	978-852850137-7	3	6.67

15	Dubina D., Stratan A., Dinu Florea	High Strength Steel EB frames with low strength bolted links	5th International Conference on Advances in Steel Structures, ICASS 2007	Scopus	2007	978-981059371- 1	3	6.67
16	Dinu Florea, D. Dubina, I. Marginean, C. Neagu, I. Petran	Structural Connections of Steel Building Frames under Extreme Loading	Advanced Materials Research (Volume 1111)	Elsevier	2015	10.4028/www.s cientific.net/AM R.1111.223	5	4.00
17	Ioan Both, Ioan Mărginean, Calin Neagu, Florea Dinu, Dan Dubina, Raul Zaharia	Experimental research on T- stubs under elevated temperatures	Proceedings of the International Conference in Dubrovnik, 15-16 October 2015 in edition of Applications of Structural Fire Engineering, Volume 4 Pages 153-158	Google Scholar	2015	DOI: https://doi.org/ 10.14311/asfe.2 015.023	6	3.33
18	Ioan Mărginean, Dan Dubină, Florea Dinu	Numerical Modelling of Beam- to-Column Connections Under Column Loss Scenarios	Journal INTERSECTII/INTERSECTIONS Volume 13 Issue 1 Pages 58-68	Google Scholar	2016	http://www.inte rsections.tuiasi.r o/index.php/JIIR /article/view/64 7	3	6.67
19	Dan Dubina, Florea Dinu, Ioan Marginean, Ioan Petran	Collapse prevention design criteria for moment connections in multi-story steel frames under extreme actions	4th Int. Conf. on Integrity, Reliability and Failure, Funchal, Portugal Pages 23-27	Google Scholar	2013	https://scholar.g oogle.ro/citation s?user=- nz9CMwAAAAJ& hl=en	4	5.00
20	Florea Dinu, Dan Dubina, Calin Neagu, Cristian Vulcu, Ioan Both, Sorin Herban, Dragos Marcu	Experimental and numerical evaluation of an RBS coupling beam for moment-resisting steel frames in seismic areas	Journal Steel Construction Volume 6 Issue 1 Pages 27-33 Publisher WILEY-VCH Verlag	wiley	2013	https://scholar.g oogle.ro/citation s?user=- nz9CMwAAAAJ& hl=en	7	2.86
21	Florea Dinu, Dan Dubina, Ioan Marginean, Calin Neagu, Ioan Petran	Axial strength and deformation demands for t-stub connection components at catenary stage in the beams	8th International Conference on Behavior of Steel Structures in Seismic Areas	Google Scholar	2015	https://scholar.g oogle.ro/citation s?user=- nz9CMwAAAAJ& hl=en&cstart=20 &pagesize=20	5	4.00

22	Mircea I Pastrav, Cornelia Baera, Florea Dinu	Efficient Moment Frame Structure	World Academy of Science, Engineering and Technology, International Journal of Civil, Environmental, Structural, Construction and Architectural Engineering	Google Scholar	2014	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=20&pagesize=20	3	6.67
23	Calin Neagu, Florea Dinu, Dan Dubina	Global Ductility of Dual Steel Frames with Replaceable Dissipative Shear Walls	Journal of Mathematical Modelling in Civil Engineering Volume 11 Issue 3 Pages 23-30	Google Scholar	2015	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=20&pagesize=20	3	6.67
24	Calin Neagu, Florea Dinu, Dan Dubina	Parametric Study for Seismic Response of Dual Steel Frames with Dissipative Steel Panels	Journal Buletinul Institutului Politehnic din Iasi. Sectia Constructii, Arhitectura Volume 61 Issue 3 Pages 61 Publisher Gheorghe Asachi Technical University of Jassy	Google Scholar	2015	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=20&pagesize=20	3	6.67
25	DINU Florea, DUBINA Dan, VULCU Cristian, NEAGU Calin	Design by Qualification Testing of Reduced Beam Section Welded Connections.	Journal Advanced Materials Research Volume 1111	willey	2015	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=20&pagesize=20	4	5.00
26	Florea Dinu, D Dubina, C Neagu, C Vulcu, D Marcu	Experimental calibration of numerical models for short coupling beams of a multi-story frame structure	15th World Conference on Earthquake Engineering Pages 24-28	Google Scholar	2012	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=20&pagesize=20	5	4.00
27	Florea Dinu, D Dubina, D Grecea	Robustness demands for structural joints of multistory steel building frames prone to extreme actions	The 8th International Conference "Structural Integrity of Welded Structures	Google Scholar	2010	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=20&pagesize=20	3	6.67

28	I Vayas, Florea Dinu, A Spiliopoulos	HAUPTAUFSATZE-Design criteria for steel moment resisting frames subjected to earthquakes	Journal Bauingenieur Volume 76 Issue 11 Pages 527-532 Publisher Berlin: Julius Springer,[1920]-1997.	Google Scholar	2001	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=40&pagesize=20	3	6.67
29	I Vayas, Florea Dinu, A Spiliopoulos	Entwurfskriterien fuer Rahmentragwerke aus Stahl unter Erdbebenbeanspruchung	Journal Bauingenieur Volume 76 Issue 11	Google Scholar	2001	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=40&pagesize=20	3	6.67
30	PC Blaauwendraad, M Blaschko, A Jahring, I Vayas, J Grunberg, J Hoogenboom, O Fischer, F Dinu, A Muller, A Spiliopoulos, G Zehetmaier	Safety concept for structural engineering according to DIN 1055-100	Journal BAUINGENIEUR Volume 1 Issue 1 Pages 549-556	Google Scholar	2000	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=40&pagesize=20	11	1.82
31	I Vayas, Florea Dinu	Influence of joint flexibility in the seismic performance of moment resisting steel frames	The Paramount Role of Joints into the Reliable Response of Structures Pages 257-266 Publisher Springer Netherlands	Google Scholar	2000	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en&cstart=20&pagesize=20	2	10.00
32	Florea Dinu, D Dubina, I Marginean, C Neagu	Experimental tests of steel beam-to-column joints under column loss scenarios	7th European Conference on Steel and Composite Structures	Google Scholar	2014	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en	4	5.00
33	Dan Dubina, Florea Dinu	Collapse prevention design of multistorey steel building frames under extreme action	Proceedings of the Nordic steel construction conference	Google Scholar	2012	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en	2	10.00

34	Dan Dubina, Aurel Stratan, Nicolae Muntean, Florea Dinu	Experimental program for evaluation of moment beam-to column joints of high-strength steel components	Sixth International Workshop on Connections in Steel Structures, American Institute of Steel Construction	Google Scholar	2008	https://scholar.google.ro/citations?user=-nz9CMwAAAAJ&hl=en	4	5.00
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2.4 Granturi / proiecte castigate prin competitie

2.4.1 Director / responsabil
 2.4.2 Membru in echipa

INTERNATIONALE
 INTERNATIONALE

Nr. Cr.	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Nr. Grant	Perioada de desfasurare	Ani de desfasurare	Beneficiar	Pozitia in cadrul echipei de cercetare		Indicator realizat		Confirm corectitudinea datelor declarate. Responsabil și Semnatura.
							Responsabil	Membru	Responsabil	Membru	
									0	240	
1	Daniel Grecea, Dan Dubină, Raul Zaharia, Dinu Florea, Carmen Grecea, Viorel Ungureanu, Aurel Stratan, Adrian Ciutina	Conservation and rehabilitation of historical buildings using light gage steel structures	2B1aA/2003	2003-2005	3	Bilateral Romanian-Greek Cooperation Contract 2003-2005		x	0	30	
2	Dan Dubina (responsabil), Grecea Daniel, Zaharia Raul, Stratan Aurel, Ciutina Adrian, Dinu Florea, Ungureanu Viorel, Muntean Nicolae, Bordea Sorin, Adrian Dogariu	Steel solutions for seismic retrofit and upgrade of existing constructions - STEELRETRO	RFSR-CT-2007-00050	2007-2010	4	UE - RFGS		x	0	40	
3	Dubina Dan, Dinu Florea (responsabil in comitetul de management), Zaharia Raul, Grecea Daniel, Pinteza Dan, Stratan Aurel	COST C26/ 2006 Urban habitat constructions under catastrophic events	European Commission	2006-2010	5	UE		x	0	50	
4	Dubina D. (director), Grecea Daniel, Stratan A., Dinu Florea, Ciutina A., Vulcu C., Ioan A.	High Strength Steel in Seismic Resistant Building Frames - HSS-SERF	RFSR-CT-2009-00024	2009-2012	4	RFGS - research Fund for Coil and Steel, Unives		x	0	40	
5	Dubina Dan, Dinu Florea (responsabil in comitetul de management), Zaharia Raul, Grecea Daniel, Stratan Aurel	Cost C12 "Improving buildings' structural quality by new technologies"	European Commission	1999-2004	5	UE		x	0	50	
6	Dubina Dan, Dinu Florea, Adrian Ciutina, Aurel Stratan, Daniel Grecea	Reliability of Moment Resistant Connections of Steel Building Frames in Seismic Areas, COPERNICUS-RECOS	IC15-CT96-0201 / 1997	1997-2000	3	UE		x	0	30	

2.5 Proiecte de cercetare/ consultanta (valoare de minim 10000 Euro echivalent

Nr. Cit.	Echipa de cercetare (Director și cercetători)	Denumirea grantului	Nr contract	Anul	Beneficiar	Poziția în cadrul echipei de cercetare		Indicator realizat	Indicator realizat	Confirm corectitudinea datelor declarate. DIRECTOR GRANT/PROIECT Semnătura
						Director	Membri	responsabil	Membri	
								5	10	
1	Dubina D. (responsabil), Stratan A., Dinu F., Grecea Daniel, Ciutina A., Zaharia R., Neagu C., Filip-Vacarescu N., Bordea S	Calculul structural global al structurilor metalice în conformitate cu SR EN 1993-1-1 și SR EN 1998-1. Recomandari, comentarii și exemple de aplicare	425/8.12.2009 (BC124/12.11.2009)	2009	ASRO		X	0	2	
2	Dubina D., V. Ungureanu, R. Zaharia, Dinu Florea, A. Dogariu, C. Neagu, A. Crisan	Verificarea la stabilitate a elementelor structurale din oțel în conformitate cu SR EN 1993-1-1. Recomandari de calcul, comentarii și exemple de aplicare	424/08.12.2009 (BC123/2009)	2009	MDRT		x	0	2	
3	Dinu Florea, Dubina Dan, Neagu Calin, Both Ioan, Vulcu Cristian, Herban Sorin	Simulari numerice cu MEF și încercări experimentale pe subsansamble din structura de rezistență a Clădirii de Birouri 4S+P+17+E din București, B-dul Corneliu Coposu, nr. 6-8, sector 3	76/2011	2011	DMA	X		5	0	
4	Dubina Dan (Responsabil), Grecea D, Dinu Florea, Ungureanu V, Crisan A, Neagu C, Danku G	Proiectarea structurilor din aluminiu. Partea 1.3 și Partea 1.4	C 6/2011	2011	MDRT		x	0	2	
5	Dubina Dan (Responsabil), Dinu Florea, Grecea A, Ciutina A, Pinte D, Stratan A, Zaharia R, Cristutiu M, Bordea S, Dogariu A, Munteanu N,	PN II Modul IV, Parteneriate: Sisteme structurale și soluții tehnologice inovative pentru protecția clădirilor la acțiuni extreme în contextul ciclurilor pentru dezvoltare durabilă - PROACTEX	31-042	2011	U.E.F.I.S.C.D .I.		x	0	2	
6	Dubina Dan, Dinu Florea, Stratan Aurel	Requirements for multi-storey buildings in	RUUKKI/2009	2009	Rautaruukki Corporation,x				2	

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI (exclusiv citari ale autorilor)

3.1.1 ISI

Nr. Crt	Detalii ale articolului care citeaza	Titlul lucrării citate	Autori	Revista / Proceedingul ISI in care se citeaza	Nr. autorii/ai articolului citat	Indicador realizat
56.94						
1	Seismic performance of high-strength steel moment-resisting frames, Silva A. T., Rebelo, C.; Silva, L. S.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	STESSA 2012: PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON BEHAVIOUR OF STEEL STRUCTURES IN SEISMIC AREAS, 2012	3	1.67
2	Damage evaluation of composite-special moment frames with concrete-filled tube columns under strong seismic loads, Park, Taehyo; Hwang, Won-Sup; Leon, Roberto T.; et al.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	JOURNAL OF CIVIL ENGINEERING	3	1.67
3	Title: Current steel structures research. Author(s): Bjorhovde Reidar. Source: ENGINEERING JOURNAL-AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC 44(3) Published: 2007	Opportunity and effectiveness of using High strength steel in seismic resistant building frames	Dubina D., Dinu Florea, Zaharia R., Ungureanu V., Grecea D.	ENGINEERING JOURNAL-AMERICAN INSTITUTE OF STEEL CONSTRUCTION INC	5	1
4	Application of Endurance Time Method in Performance-Based Design of Steel Moment Frames, Mirzaee, A.; Estekanchi, H. E.; Vafai, A.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	SCIENTIA IRANICA TRANSACTION A-CIVIL ENGINEERING	3	1.67
5	Seismic behaviour of dual steel concentric braced frames, D'Aniello, M.; Ambrosino, G. La Manna; Portioli, F.; et al.	Opportunity and effectiveness of using High strength steel in seismic resistant building frames	Dubina D. ; Dinu Florea; Zaharia R. ; Ungureanu V., Grecea D.	STESSA 2012: PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE ON BEHAVIOUR OF STEEL STRUCTURES IN SEISMIC AREAS, 2012.	5	1.67
6	Experimental Validation of Replaceable Shear Links for Eccentrically Braced Steel Frames, Mansour, Nabil.	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	JOURNAL OF STRUCTURAL ENGINEERING-ASCE	3	1.67
7	An energy-based method for seismic retrofit of existing frames using hysteretic dampers, Amadeo Benavent-Climent	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	Soil Dynamics and Earthquake Engineering, 31(10), 2011	3	1.67

8	Determination of the behaviour factor of steel moment-resisting (MR) frames by a damage accumulation approach, Castiglioni, Carlo A.	Partial q-factor values for performance based design of MR frames	Grecea D, Dinu Florea, Dubina D	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH	3	1.67
9	Behavior factor for performance-based seismic design of plane steel moment resisting frames ,Karavasilis, TL (Karavasilis, Theodore L.); Bazeos, N (Bazeos, Nikitas); Beskos, DE (Beskos, DE)	Partial q-factor values for performance based design of MR frames	Grecea D, Dinu Florea, Dubina D	JOURNAL OF EARTHQUAKE ENGINEERING	3	1.67
10	A computational model for the partial damage of single or multiple adjacent columns in disproportionate collapse analysis via linear programming, Simos Gerasimidis, Christos D. Bisbas, Christos C. Baniotopoulos	Tower Centre International building in Bucharest Part II: Performance-based seismic evaluation and robustness	Dan Dubina, Dinu Florea, Stratan A	Structure and Infrastructure Engineering	3	1.67
11	Vertical geometric irregularity assessment of steel frames on robustness and disproportionate collapse, S. Gerasimidis, C.D. Bisbas, C.C. Baniotopoulos,	Tower Centre International building in Bucharest Part II: Performance-based seismic evaluation and robustness	Dan Dubina, Dinu Florea, Stratan A	Journal of Constructional Steel Research	3	1.67
12	Disproportionate collapse analysis of cable-stayed steel roofs for cable loss, S. Gerasimidis, C. C. Baniotopoulos	Tower Centre International building in Bucharest Part II: Performance-based seismic evaluation and robustness	Dan Dubina, Dinu Florea, Stratan A	International Journal of Steel Structures	3	1.67
11	Evaluation of wind load integration in disproportionate collapse analysis of steel moment frames for column loss,S. Gerasimidis, C.C. Baniotopoulos,	Tower Centre International building in Bucharest Part II: Performance-based seismic evaluation and robustness	Dan Dubina, Dinu Florea, Stratan A	Journal of Wind Engineering and Industrial Aerodynamics	3	1.67
12	Steel moment frames column loss analysis: The influence of time step size, S. Gerasimidis, C.C. Baniotopoulos	Tower Centre International building in Bucharest Part II: Performance-based seismic evaluation and robustness	Dan Dubina, Dinu Florea, Stratan A	Journal of Constructional Steel Research	3	1.67
13	Seismic design of steel frames with partial strength joints, Rizzano, G	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	JOURNAL OF EARTHQUAKE ENGINEERING	3	1.67
14	Incremental dynamic analysis, D Vamvatsikos, CA Cornell	Moment Resistant Connections of Steel Building Frames in Seismic Areas	Dan Dubina, Adrian Ciutina, Dinu Florea, Stratan A	Earthquake Engineering & Structural Dynamics	4	1.25
15	On the modal incremental dynamic analysis of reinforced concrete structures, using a trilinear idealization model, P Zarfam, M Mofid	Moment Resistant Connections of Steel Building Frames in Seismic Areas	Dan Dubina, Adrian Ciutina, Dinu Florea, Stratan A	Engineering Structures	4	1.25

16	Seismic design of steel frames with partial strength joints By: Rizzano, G	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	Earthquake Resistant Engineering Structures V Book Series: WIT TRANSACTIONS ON THE BUILT ENVIRONMENT Volume: 81 Pages: 157-169 Published: 2005	3	1.67
17	Seismic design of steel frames with partial strength joints By: Rizzano, G.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	JOURNAL OF EARTHQUAKE ENGINEERING Volume: 10 Issue: 5 Pages: 725-747 Published: SEP 2006	3	1.67
18	Prediction of the flexural overstrength factor for steel beams using artificial neural network By: Guneyisi, Esra Mete; D'Aniello, Mario; Landolfo, Raffaele; et al.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	STEEL AND COMPOSITE STRUCTURES Volume: 17 Issue: 3 Pages: 215-236 Published: SEP 2014	3	1.67
19	Seismic performance of dual-steel moment resisting frames By: Tenchini, Andre; D'Aniello, Mario; Rebelo, Carlos; et al.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 101 Pages: 437-454 Published: OCT 2014	3	1.67
20	Experimental analysis and mechanical modeling of T-stubs with four bolts per row By: Latour, Massimo; Rizzano, Gianvittorio; Santiago, Aldina; et al.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 101 Pages: 158-174 Published: OCT 2014	3	1.67
21	Free from damage beam-to-column joints: Testing and design of DST connections with friction pads By: Latour, Massimo; Piluso, Vincenzo; Rizzano, Gianvittorio	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	ENGINEERING STRUCTURES Volume: 85 Pages: 219-233 Published: FEB 15 2015	3	1.67
22	On the quantification of local deformation demands and adequacy of linear analysis procedures for the seismic assessment of existing steel buildings to EC8-3 By: Araujo, Miguel; Castro, Jose Miguel	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	BULLETIN OF EARTHQUAKE ENGINEERING Volume: 14 Issue: 6 Pages: 1613-1642 Published: JUN 2016	3	1.67

23	Influence of seismic design rules on the robustness of steel moment resisting frames By: Cassiano, David; D'Aniello, Mario; Rebelo, Carlos; et al.	Performance criteria for MR steel frames in seismic zones	Grecea D, Dinu Florea, Dubina D	STEEL AND COMPOSITE STRUCTURES Volume: 21 Issue: 3 Pages: 479-500 Published: JUN 30 2016	3	1.67
24	Re-centring capability of dual eccentrically braced frames with removable bolted links By: Stratan, A.; Ioan, A.; Dubina, D.	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	Conference: 7th International Conference on Behaviour of Steel Structures in Seismic Areas (STESSA) Location: Santiago, CHILE Date: JAN 09-11, 2012	3	1.67
25	Experimental Study On Seismic Behavior of High Strength Steel Composite K-Type Eccentrically Braced Frames By: Duan, Liusheng; Su, Mingzhou; Li, Wei	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	Conference: 2nd Global Conference on Civil, Structural and Environmental Engineering (GCCSEE 2013) Location: Shenzhen, PEOPLES R CHINA Date: SEP 28-29, 2013	3	1.67
26	Recent research advances of high strength steel structures and codification of design specification in China By: Shi, Gang; Hu, Fangxin; Shi, Yongjiu	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	INTERNATIONAL JOURNAL OF STEEL STRUCTURES Volume: 14 Issue: 4 Pages: 873-887 Published: DEC 2014	3	1.67
27	Seismic performance of eccentrically braced frames with high strength steel combination By: Lian, Ming; Su, Mingzhou; Guo, Yan	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	STEEL AND COMPOSITE STRUCTURES Volume: 18 Issue: 6 Pages: 1517-U217 Published: JUN 2015	3	1.67
28	seismic response of chevron concentric bracings By: D'Aniello, Mario; Costanzo, Silvia; Landolfo, Raffaele	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 112 Pages: 305-324 Published: SEP 2015	3	1.67
29	THE ART OF APPLICATION OF HIGH-STRENGTH STEEL STRUCTURES FOR BUILDINGS IN SEISMIC ZONES By: Li, Guo-Qiang; Wang, Yan-Bo; Chen, Su-Wen	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	Conference: 7th International Conference on Advances in Steel Structures Location: SE Univ, Nanjing, PEOPLES R CHINA Date: 2012 ADVANCED STEEL CONSTRUCTION Volume: 11 Issue: 4 Special Issue: SI Pages: 492-506 Published: DEC 2015	3	1.67
30	Seismic performance of stiffness-based designed buckling-restrained braced frame and special moment-resisting frame dual systems By: Mehdipanah, Alireza; Mirghaderi, Seyyed Rasoul; Tabatabaei, Seyyed Ali Razavi	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	STRUCTURE AND INFRASTRUCTURE ENGINEERING Volume: 12 Issue: 8 Pages: 918-935 Published: 2016	3	1.67

31	Cyclic behaviour of Y-shaped eccentrically braced frames fabricated with high-strength steel composite By: Wang, Feng; Su, Mingzhou; Hong, Min; et al.	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 120 Pages: 176-187 Published: APR 2016	3	1.67
32	Self-centering eccentrically braced frames using shape memory alloy bolts and post-tensioned tendons By: Xu, Xian; Zhang, Yunfeng; Luo, Yaozhi	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH Volume: 125 Pages: 190-204 Published: OCT 2016	3	1.67
33	High strength steel in chevron concentrically braced frames designed according to Eurocode 8 By: Tenchini, Andre; D'Aniello, Mario; Rebelo, Carlos; et al.	Dual high-strength steel eccentrically braced frames with removable links	Dubina D, Stratan A, Dinu Florea	ENGINEERING STRUCTURES Volume: 124 Pages: 167-185 Published: OCT 1 2016	3	1.67

3.1 Citari in reviste ISI si BDI si in volumele conferintelor ISI si BDI
 3.1.2 BDI

Nr. Crt.	Detalii ale articolului care citeaza	Lucrare citata	Revista / Proceedingul BDI in care se citeaza	BDI	Nr autori ai articolului	Indicator realizat
2						
1	The effect of analysis methods on the response of steel-braced frame buildings for seismic retrofitting, Ghodrati Amiri, G., Hamidi Jamnani, H., Mohebi, B.	Performance criteria for MR steel frames in seismic zones, Grecea D, Dinu Florea, Dubina D	Journal of Applied Sciences	Scopus	3	1.00
2	DUAL-STEEL FRAMES FOR MULTISTORY BUILDINGS IN SEISMIC AREAS, E Batista, P Vellasco, L de Lima	Dual high-strength steel eccentrically braced frames with removable links, Dubina D, Stratan A, Dinu Florea	Proceedings of SDSS' Rio 2010: International Colloquium Stability and Ductility of Steel Structures	Scopus	3	1.00

3.2 Prezentari invitate in plenul unor manifestari stiintifice nationale si internationale si Profesor invitat (exclusiv Erasmus)

3.2.1 Internationale

Nr. Crt	Manifestarea	Anul Luna Locul
1	PROMOTION OF CIVIL SOCIETY DIALOG BETWEEN EU AND TURKEY PROJECT, Turk Yapisal Celik Dernegi (TUCSA)	2-3.03.2009
2	C25 & C26 Training School, Thessaloniki-Greece Sustainability in structures and structural interventions: Improving the contemporary and historical urban habitat constructions within a sustainability and risk assessment framework	17-24.05.2009

3.2.2 Nationale

Nr. Crt	Manifestarea	Anul Luna Locul

Indicator realizat
20.00
10.00
10.00

Indicator realizat
0.00

3.4 Experienta de management

3.4.1 Conducere

Nr. Crt	Pozitia / nivelul	Perioada	Nr ani	Indicator realizat
				0.00
				0

3.4.2 Membru

Nr. Crt	Pozitia / nivelul	Perioada	Nr ani	Indicator realizat
				4.00
1	Membru in Consiliul Departamentului CMMC	2012-2016	5	4

**3.3 Membru in colectivele de radactie sau comitetele stiintifice si manifestarilor stiintifice, organizator de manif stiintifice ,
 recenzor pentru revistesii manifestari stiintifice nationale si internationale (maxim 10 activitati)**

3.3.1 ISI

Nr. Crt	Manifestarea/ Revista / Rolul	Anul/ Locul	Indicator realizat
			70.00
1	Recenzor pentru revista Journal of Structural Engineering	2011	10
2	Membru in comitetul de organizare al "International Conference in Metal Structures, 20-22 September 2006	2006, Poiana Brasov, Romania	10
3	Recenzor pentru revista Journal of Structure and Infrastructure Engineering	2014	10
4	Membru in comitetul de organizare al Conferintei Internationale ICTWS 2011, Timisoara, 5-7 septembrie 2011	2011, Timisoara, Romania	10
5	Recenzor pentru revista Journal of Engineering Structures	2015	10
6	Recenzor pentru revista Bulletin of Earthquake Engineering	2016	10
7	Recenzor pentru revista Journal of Maintenance, Management, Life-Cycle Design and Performance	2015	10

3.3.2 BDI

Nr. Crt	Manifestarea	Anul Luna Locul	Indicator realizat
			0.00

3.3.3 Nationale si internationale neindexate

Nr. Crt	Manifestarea	Anul Luna Locul	Indicator realizat
			3.00
1	Membru in comitetul de organizare al Conferintei Internationale Connection VII, 29-30 mai 2012	2012, Timisoara, Romania	3.00

3.5 Premii

3.5.3 Premii internationale in domeniu

Nr. Crt	Premiu	Anul	Indicator realizat
			20.00
1	European Steel Design Award 2003, ptr lucrarea "Sediu Banc Post Timisoara"	2003	10
2	European Steel Design Award 2007, ptr lucrarea "Tower Center International"	2007	10

3.5.4 Premii nationale in domeniu

Nr. Crt	Premiu	Anul	Indicator realizat
			25.00
1	Premiul I – Cartea Tehnica 2003 din partea AGIR, Construcții amplasate în zone cu mișcări seismice puternice, Autori: Dinu Florea, Daniel Grecea, Ed. Orizonturi Universitare, Timisoara	2003	5
2	Premiul AICPS, pentru lucrarea "Sediu Banc Post Timisoara"	2004	5
3	Premiul AICPS, pentru lucrarea "Bricostore Bucuresti"	2005	5
4	Premiul AICPS, pentru lucrarea "Tower Center International"	2007	5
5	Premiul AICPS, pentru lucrarea "Cladire birouri Constanta"	2010	5

3.6 Membru in academii, organizatii, asoc profesionale de prestigiu, nationale si internationale, apartenenta la organizatii din domeniul educatiei si cercetarii

3.6.3 Conducere asociatii profesionale nationale

Nr. Crt	Denumire asociatie	Calitate/ anul	Indicator realizat

3.6.4 .1 Asociatii profesionale internationale

Nr. Crt	Denumire asociatie	Membru/ anul	Indicator realizat
			10.00
1	Technical Committee 13 "Seismic Design" al European Convention for Constructional SteelWork - ECCS	Expert din partea Romaniei/ din 2008	5
2	International Association for Life-Cycle Civil Engineering	Membru/2016	5

3.6.4 .2 Asociatii profesionale nationale

Nr. Crt	Denumire asociatie	Membru/ anul	Indicator realizat
			6.00
1	AICPS - Asociatia Inginerilor Constructori Proiectanti de Structuri	1995	2
2	AGIR - Asociatia Generala a Inginerilor din Romania	2008	2
3	Asociatia Nationala a Producatorilor de Constructii Metalice APCMR	2000	2

3.6.5 Consilii si organizatii in domeniul educatiei si cercetarii

Nr. Crt	Denumire organizatie	Calitate/ anul	Indicator realizat
			30.00
1	CNCSI	Expert evaluator PN II/2009	10
2	Organismul Național de Standardizare din România ASRO	Expert/2016	10
3	Expert evaluator UEFISCDI	Expert evaluator/2014	10