



Dan DUBINA

Full Professor

Department of Steel Structures and Structural Mechanics,
Faculty of Civil Engineering
The "Politehnica" University of Timisoara
ROMANIA



Contacts

Department of Steel Structures and Structural Mechanics,
Faculty of Civil Engineering ,The "Politehnica" University
1, Ioan Curea , 3..224, Timisoara, Romania
Tel.: +40.256.403920
Fax: +40.256.403917, 403932
e-mail: dan.dubina@ct.upt.ro
URL: www.upt.ro

Degrees

□ MSc (5years)	Civil Engineering	The Polytechnic Institute, Timisoara	1974
□ PhD	Technical Sciences (Steel structures)	The Polytechnic Institute, Timisoara	1986

Key Qualifications

- Professor of Steel of Structures and Structural Engineering at the "Politehnica" University of Timisoara;
- Head of Department of Steel Structures and Structural Mechanics , at Faculty of Civil Engineering of PU Timisoara.
- Member in the Academic Board (University Senate) of "Politehnica" University of Timiisoara
- Director of Research Centre for Mechanics of Materials and Structural Reliability
- Full Member of Romanian Academy
- Member COSCO (Committee dor Coal and Steel- RFCS) for Romania
- Member of the Executive Board of ECCS, former President of ECCS(2005/2006)
- Head of Civil Engineering Commission of National Committee for Academic Titles and Diplomas (CNATDCU), Romanian Ministry of Education (2011-2012), Member of this Commission since 2013
- President of APCMR – Romanian Association of Constructional Steelworks Steel and Composite;
- Vice-President of Romanian Association of Structural Engineers (AICPS)
- Vice President of National Committee for Seismic Engineering and Technical Committee of Structures , CS 5, Ministry of Regional Development and Administration of Patrimony (MDRAP)
- Member of Technical Committee CT 343 (RO) for Structural Reliability an Structural Eurocodes of Romanian Association for Standardization (ASRO, coordinator for Eurocodes 3 and 9. Member of WGs 1.1, 1.3, 1.8, 1.10/EN 1993/CEN250/SC3 and WG2/EN1998-1, CEN250/SC8
- Code Drafter (Coordinator and/or author for Standards and Technical Regulations in the Field of Steel Structures , Seismic Engineering, fire design.
- Project Coordinator/ Country Coordinator of R&D projects(Phare, EUREKA, FP4, 6, 7, RFCS, involving partners from European Countries.

<p>Research focus</p>	<ul style="list-style-type: none"> □ Steel Structures in Seismic Zones (global performance/ connections/rehabilitation/ □ Cold formed steel structures /Stability/Advanced design/ □ Robustness of structures under extreme actions 														
<p>References</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Description</th> <th style="text-align: left;">#</th> </tr> </thead> <tbody> <tr> <td>ISI journal</td> <td>57</td> </tr> <tr> <td>Non-ISI journal</td> <td>103</td> </tr> <tr> <td>Conferences</td> <td>388</td> </tr> <tr> <td>Citations</td> <td>>1600</td> </tr> <tr> <td>Book chapters</td> <td>9</td> </tr> <tr> <td>Books</td> <td>45</td> </tr> </tbody> </table> <p>H-index =21</p>	Description	#	ISI journal	57	Non-ISI journal	103	Conferences	388	Citations	>1600	Book chapters	9	Books	45	<p>Selected references</p> <ul style="list-style-type: none"> □ Dubina D., Ungureanu V., Landolfo R. : <i>Design of Cold-formed Steel Structures. Eurocode 3: Design of Steel Structures. Part 1-3 Design of cold-formed Steel Structures</i>. ISBN-13: 978-3-433-02979-4, Wiley-Blackwell, Ernst & Sohn, A Wiley Company, Berlin, 2012 □ I .Vayas, D. Dubina: Cold-formed Steel Design (in Greek), Klidarithmos, Atena, 2004, □ J. Rondal, D. Dubina (editori si coatori) : Light Gauge Metal structures : Recent Advances , International Centre for Mechanical Sciences (CISM), Udine - Courses and Lectures No. 455, , Springer Wien New York , 2005, □ D. Dubina , Ungureanu v. (Eds): Steel, a New and Traditional Material for Building, Taylor&Francis/Balkema, London, 2006, □ 5. Dubina, M. Ivanyi (Ed): <i>Stability and Ductility of Steel Structures</i>, Elsevier Science Ltd., Oxford, 1999, □ D. Dubina, A. Ciutina, A. Stratan (2001) Cyclic Tests of Double-Sided Beam-to-Column Joints/ Journal of Structural Engineering/ vol. 127, nr. 2, pag. 129-136, ASCE- American Society of Civil Engineers. □ D. Dubina, A. Stratan, (2002): Behaviour of welded connections of moment-resisting frames beam-to-column joints, Engineering Structures, Vol. 24, No. 11(2002), 1431-1440 , Elsevier Science, □ D. Dubina (2008): Structural analysis and design assisted by testing of cold-formed steel structures , Journal of Thin Walled Structures , Elsevier , Vol. 46, Nos 7-9, July-September, 741-764. □ D.Dubina (2008): Behaviour and performance of cold-formed steel framed houses under seismic action, Journal of Constructional Steel Research, Elsevier , <i>Volume 64, Issues 7-8</i>, July-August 2008, Pages 896-913 □ D. Dubina, A. Stratan, F. Dinu (2008) : Dual high-strength steel eccentrically braced frames with removable links, Earthquake Engineering and Structural Dynamics, John Wiley&Sons, Vol. 37, 1703-1720. □ D. Dubina, A. Stratan, F. Dinu (2009), Design and Performance based Evaluation of Tower Centre International building in Bucharest (part I), Steel construction Vol 2, 4/2009, Ernst&Sohn, A wiley company, ISSN 1867-0250 □ D. Dubina, A. Stratan, F. Dinu (2009), Design and Performance Based Evaluation of Tower Centre International building in Bucharest , Part II: Performance-based Seismic Evaluation and Robustness , Steel construction Vol 3, 1/2010, Ernst&Sohn, A Wiley Company □ Dubina Dan, Dinu Florea, <i>Experimental evaluation of dual frame structures with thin-walled, steel panels</i>, Thin-walled structures, vol. 78, Pages 57–69, 2014 □ Dinu Florea, Dubina Dan, Ioan Marginean, Improving the structural robustness of multi- story steel-frame buildings, Struct. and
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	Infrastruct. Engineering, DOI:10.1080/15732479.2014.927509,2014												
<p>Teaching experience</p> <table border="1"> <thead> <tr> <th>Description</th> <th>#</th> </tr> </thead> <tbody> <tr> <td>Years of teaching</td> <td>From 1978</td> </tr> <tr> <td>PhD supervision</td> <td>20+5</td> </tr> <tr> <td>PostDOC</td> <td>6</td> </tr> <tr> <td>MSc supervision</td> <td>>30</td> </tr> <tr> <td>Lectured subjects</td> <td></td> </tr> </tbody> </table>	Description	#	Years of teaching	From 1978	PhD supervision	20+5	PostDOC	6	MSc supervision	>30	Lectured subjects		<ul style="list-style-type: none"> <input type="checkbox"/> Under-graduate teaching (C. Ing) C. Ing : Structural Mechanics : Theory of Elasticity, Statics, Stability, Dynamics <input type="checkbox"/> Post-graduate teaching FEM Analysis, Steel Structures <p>MSc & PhD: Ligth Gauge Metal Structures , Structural Glass, Multi-story Buildings in Seismic Areas, High Performance Steel Structures</p>
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Research projects													
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Others													
<p>Cooperation with industry</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Member of International Scientific network of ARCELOR -MITTAL , and MET-NET, research contracts and Technical Assistance for RUUKKI , LINDAB, DEXION HI-LO etc. <input type="checkbox"/> RFCS Projects, National PCCA collaborative Grants 												
<p>Patents</p>	<ul style="list-style-type: none"> <input type="checkbox"/> 7 Patents(Romania) s in the Field of Scaffolding and reticulated structures <input type="checkbox"/> ... 												
<p>Prizes</p>	<p>Doctor Honoris Causa of Technical University of Cluj-Napoca, Romania , March 2005</p> <p>Honorary professor of University of Pecs (HU), since 2012</p>												

	<p>Romanian Academy Award” Anghel Saligny” for 1990 (awarded in 1992), for a series of 16 published papers and scientific reports on Coupled instability, and 2014 for the book <i>Design of Cold-formed Steel Structures. Eurocode 3: Design of Steel Structures. Part 1-3 Design of cold-formed Steel Structures.</i></p> <p>European Steel Design Awards, ECCS 2003, and 2007</p> <p>„Radu Agent „ Award, Association of Structural Design Engineers, AICPS, 2006, for contributions to development of Higher Education and Research in Civil Engineering in Romania</p> <p>Opera Omnia Award, Association of Structural Design Engineers, AICPS, 2005</p> <p>Structural Design Awards, AICPS, 2009, 2005 ,2004</p> <p>Best Conference Paper at 4th International Conference on Thin-Walled Structures, ICTWS, 2004, Loughborough for the paper „Monotonic and Cyclic Performance of Joints of Cold-formed Steel Portal Frames” (Dubina et al.)</p> <p>Prize of Excellence in Research, The Politehnica University of Timisoara, 2004</p> <p>Award of Romanian General Association of Engineers, AGIR, in 2003, for the book „ Buidings located in high risks seismic zones (in Romanian, see the list of publications)</p> <p>„Traian Vuia” Award for youg researches, 1985, Polytechnic Institute of Timisoara</p> <p>„Outstanding Assistant Professor” Award, 1984, Ministry of Education, Romania</p> <p><input type="checkbox"/></p> <p><input type="checkbox"/> ...</p>
<p>Languages</p>	<p><input type="checkbox"/> English French</p> <p><input type="checkbox"/></p> <p style="text-align: right;">Fluent</p>

Timisoara , December 2015