

PERSONAL
INFORMATION

MOSOARCA MARIUS

📍 86 Ciocarliei Street, Timisoara, postal code: 300600, Timis County, Romania

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Gender Male | Birth date 11/09/1967 | Nationality Romanian

WORK EXPERIENCE

oct. 2013 - present Associate Professor

2013 - present Vice dean

2009- 2013 Senior Lecturer

1999 - 2009 Professor assistant

1998- 1999 Instructor

Politehnica" University of Timisoara, Faculty of Architecture, No. 2/A, Traian Lalescu Street, Timisoara, Timis county Tel/fax: 0256 404021, www.upt.ro

Didactic and research activities in the historic buildings restoration and design of bearing structures domains. Taught courses:

- 1) Restoration and consolidation of bearing structures: "Methods of restoration" – course holder; 4th year, sem. II;
- 2) Design of bearing structures: "Design of structures" – course holder; 3rd year, sem II;
- 3) Design of bearing structures: "Design of structures" – course holder; 4th year, sem. I;
- 4) Antiseismic architecture – course holder; 5th year, sem. II;
- 5) The aesthetics of structures – course holder; 6th year, sem. I;
- 6) Antiseismic urbanism – master course holder; 2nd year, sem. I.

1998 - present Administrator **S.C. H.I. STRUCT S.R.L**

86, Ciocarliei Street, 300600, Timisoara, Timis county, Romania, Tel/fax: 0256226277; office@histruct.ro

Main activities and responsibilities: Structural design for buildings

1994 - present Delegate Administrator **SC MAISON STYL SRL**

86, Ciocarliei Street, 300600, Timisoara, Timis county, Romania, Tel/fax: 0256226277; mmosoarca@yahoo.com

Main activities and responsibilities: Structural design for buildings

1994 - 1995 Structural designer **S.C. HIDROTIM S.R.L.**

Main activities – structural design

EDUCATION AND TRAINING

2009 **Specialist for Ministry of Culture and National Heritage**
 Studies and research developer, inventory of buildings with heritage value, project manager historic bearing structures, inspector, following the behaviour in time of historic buildings
 Name and type of organisation providing education and training: Ministry of Culture and National Heritage

1995-2004 **PhD engineer with the “Cum laudae” distinction**
 Title of PhD thesis : “Contributions to the calculation and construction of reinforced concrete structural walls”
 Name and type of organisation providing education and training: “Politehnica” University of Timisoara, Faculty of Constructions and Architecture

1994 **Engineer**
 Name and type of organisation providing education and training: “Politehnica” University of Timisoara, Faculty of Civil Engineering

PERSONAL SKILLS AND COMPETENCES

Mother language Romanian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Independent user	Independent user	Independent user	Independent user	Independent user
French	Independent user	Independent user	Independent user	Independent user	Independent user

Levels: A1/2: Elementary user - B1/2: Independent user; - C1/2: Experienced user

Social skills and competences

- Good communication skills developed by:
 - teaching experience with students from the Faculty of Architecture and Urbanism, from the „Politehnica” University from Timisoara;
 - participation at conferences and meetings with scientific themes;
 - collaborations with partners from design and research domains.

Organisational competences/
management

- Vice dean of the Faculty of Architecture and Urbanism from Timisoara since 2013;
- Member in the Professional Council of the Faculty of Architecture and Urbanism from Timisoara since 2012;
- Member in the Department Council of the Faculty of Architecture and Urbanism from Timisoara since 2012;
- Member in the License Committee of the Faculty of Architecture and Urbanism from Timisoara since 2010;
- Member in the Dissertation Committee of the “Urbanism and planning” masters program from the Faculty of Architecture from Timisoara since 2013;
- Member in the doctoral council at the Technical University of Cluj-Napoca, 2014;
- Responsible for the international research programme “Innovative systems for earthquake resistant masonry enclosures in rc buildings” – INSYSME, FP7- SME-2013 -606229;
- Coordinating director for Romania of the international research programme COST Action FP1101, Assessment, Reinforcement and Monitoring of Timber Structures in the Management Committee Member – COST Participants subject to MC permission and MoU acceptance;
- Associate editor at ISI conference: “Advances in Environmental and Geological Science and Engineering”. 3rd international conference (EG’10), 3-5 September, 2010, Constanta, ISSN: 1792-4685; ISBN:978-960-474-221-9;
- Organiser of International Workshop in collaboration with Universita degli Studi di Padova from Italy: “Seismic Vulnerability of Historical Centers”, Timisoara, 14-15 June 2014;
- Responsible for the national research programme “Hidden heritage II”. Highlighting the cultural values of historic roof framings. Partnership between the Faculty of Architecture from Timisoara and the Association of Restorers of Historic Monuments from Transylvania (ARMIT) 2012;
- Great capacity of coordination of didactic projects: organizer of ERASMUS mobility program within the Faculty of Architecture and Urbanism;
- Management abilities as director of H.I. STRUCT SRL design office;
- Specialist engineer, developer of research programs, designer of bearing structures, site inspector, certificated by the Ministry of Cults and National Heritage with number 287 S/20.11.2009;
- Senior engineer – certified by AICPS.

Technical skills and competences

- Knowledge and understanding of the concepts, practices and basic methods in the field of architectural and engineering design, as well as their adequate use in professional communication;
- Utilization of basic knowledge for the explanation and interpretation of various concept types, situations and phenomena associated with architecture and engineering;
- Application of the basic principles and methods for solving well defined design problems, and providing qualified support;
- Adequate use of well known criteria and methods for the evaluation of the quality, merits and limits of some projects, programs, concepts, methods and theories from the architecture and engineering domains;
- Elaboration of professional projects using well known principles and methods from the architecture and engineering domains;

Computer skills and competences

- Microsoft Office package (Word, Excel and PowerPoint);
- Technical knowledge: SAP2000, Axis, AutoCAD.

Driving licence

- Category B driving license

ADDITIONAL INFORMATION

Publications

Publications between 1994-2014:

- Published books: 2;
 - associate book editor: 1;
 - lab guides: 2, one of which in electronic format;
 - chapters in published international scientific books: 3;
 - electronic courses: 2;
- Published articles in total 103, of which:
 - 12 articles published in ISI journals;
 - 15 articles at ISI conferences;
 - 13 articles indexed in International Data Base;
 - 82 articles published after the finalization of the PhD thesis;
 - 40 articles published in international conferences abroad after the finalization of the PhD thesis;
- 35 cited articles, among which:
 - 24 citations in ISI journals;
 - 6 citations in articles from ISI proceedings conferences;
 - 5 citations in articles indexed in the International Data Base: Thompson, Scopus, Springer, etc;
- Reviewer for 8 international ISI journals:
 - Ed. Elsevier: Engineering Structures, Thin Wall Structure, Journal of Constructional Steel Research, Engineering Failure Analysis, Journal of Cultural Heritage;
 - Ed. Springer: Bulletin of Earthquake Engineering;
 - Ed. Wiley: Structural Concrete – fib journal;
 - Ed. Taylor and Francis: International Journal of Architectural Heritage;
- Participation with articles published at scientific communication sessions : 48
 - 27 conference held abroad;
 - 9 international conferences held in Romania;
 - 12 national conferences.
- Participation with articles at 6 international ISI conferences and 1 national ISI conference;
- Over 150 design projects of bearing structures;
- Member in scientific committees of 5 international congresses;
- Scientific research grants: 11;
 - 5 national research grants;
 - 1 contract of design-development;
 - 5 international research grants: coordinating director for Romania – 2; member of the research team – 3;
- 3rd prize award by AICPS for the project „City Business Centre Timisoara”;
- Member in the Romanian Association of Structural Design Engineers (A.I.C.P.S.) from 1998;
- Member in the Romanian Association of Engineers (A.G.I.R.) from 1996;
- Member in the Banat Society of Seismic Engineering (S.B.I.S.) from 2002;
- Member in the National Association of Romanian Evaluators (A.N.E.V.A.R.) since 2004;
- Member in the technical support group of the Timis council for emergencies in case of earthquakes since 2010;
- Member in the Technical Committee of Timisoara City Hall 2006 – 2012.

Presentations within conferences,
symposiums and congresses

Projects

Conferences

Research grants

Distinctions

Affiliations

ANNEXES

Publications, Presentations, Projects, Conferences, Seminars, Distinctions, Affiliations, Reviews.

Assoc.Prof. Marius MOSOARCA

Timisoara
28.11.2014