

PERSONAL INFORMATION



Davor Skejic

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📅 Date of birth August 7, 1976 | 🇺🇦 Nationality Croatian

WORK EXPERIENCE

2016. - Present

Associate Professor

2010. - 2016.

Assistant Professor

University of Zagreb, Faculty of Civil Engineering, Department for Structures, Chair for Metal Structures - Zagreb, Croatia

- Educational and research activities (teaching and working with students, participation in the national and international scientific projects)
- Professional work (design and supervision of the metal /steel and aluminium/ structures).

Business or sector Civil Engineering - Education, Research and Practical/Structural Design

2001. - 2010.

Research Assistant

University of Zagreb, Faculty of Civil Engineering, Department for Structures, Chair for Metal Structures - Zagreb, Croatia

- Participation in the educational and research activities (teaching and working with students, participation in the national and international scientific projects)
- Professional work (design and supervision of the metal /steel and aluminium/ structures).

Business or sector Civil Engineering - Education, Research and Structural Design

2001.

Structural designer - assistant

Indokonzalting d.o.o. / Industrogradnja d.d. - Zagreb, Croatia

- Participation in the professional projects (Structural design).

Business or sector Civil Engineering - Structural Design

EDUCATION AND TRAINING

2009.

PhD, field Civil Engineering, course Steel Structures

University of Zagreb, Faculty of Civil Engineering

- Doctoral Thesis: Reliability assessment of beam-to-column joints with cleats

2005.

MSc, field Civil Engineering, course Steel Structures

University of Zagreb, Faculty of Civil Engineering

- Master of Science Thesis: Reliability of semi-rigid beam-to-column welded joints

2005.

Chartered Civil Engineer

Croatian Chamber of Civil Engineers

1995. - 2001.

MEng C.E.

University of Zagreb, Faculty of Civil Engineering

- Master's degree Thesis: Steel structure project of tennis hall

PERSONAL SKILLS

Mother tongue(s)

Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
Italian	C1	C1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

- Communication skills**
- Educational and presentation skills
 - Excellent communication and interpretation skills gained through the coordination with other disciplines in the structural design and research community
 - Communication skills gained through the participation in the work of international project team for the evolution of the Structural Eurocodes: M/515-SC9.T1
- Organisational / managerial skills**
- Decision-making role as Associate Professor, Chartered Structural Designer and Leader of National research projects
 - Organisational skills as President of Technical Committee for Design of Aluminium Structures in Croatian Standards Institute (national mirror subcommittee to CEN/TC 250/SC 9)
 - Organisational skills in planning and execution of laboratory tests in the field of steel structures
- Computer skills**
- STAAD.Pro, Autodesk ROBOT Structural Analysis Professional
 - ABAQUS, ANSYS, COSMOS/M (Advanced FEM)
 - CoP - Connection Program (Design of steel joints)
 - STRUREL (Structural Reliability), AutoCAD, Microsoft Office tools

ADDITIONAL INFORMATION

Research projects

Participation in the international projects:

- Electronic, Quality Assured, European Steel Training and Assessment for Steel Design and Construction – EQUESTA
- 'An E-Forum for the Implementation of the Eurocodes for Steel Construction, E!3034 - SEFIE' (Eureka project)

Participation in the national projects:

- Prototype of Multipurpose Timber - Structural Glass Composite Panel
- Behaviour of Steel Shear walls under Cyclic Loading - Project Leader
- Behaviour and the Reconstruction Possibility of Wooden Frames with Glass filling in the Seismic Area
- Behaviour Assessment of FRP Structural Member Joints
- The Optimization of Reliability in Frame Systems with Different Types of Joints
- Reliability of Structures Made out of New Materials
- Structural Safety from the Aspect of Actions Statistic data in the Republic of Croatia

Professional projects

Participation in the projects related to the design, execution, technical control and quality assurance of the metal (steel and aluminium) structures.

Honours and awards

Award for Scientific Excellence: Best Scientific Paper published in 2015 in the journal of Croatian Association of Civil Engineers - GRAĐEVINAR, 4th Croatian Construction Forum - 2017.
EUROSTEEL Budapest 2011 - Best paper of young scientist award on the experimental mechanics
9th TRIMO International Research Awards - 2010
5th TRIMO International Research Awards - 2006

Memberships

- Project Team for the Evolution of the Structural Eurocodes: SC9.T1 for phase 1 of Mandate M/515: Aluminium - Update and Simplification of all parts of EN 1999
- Committee for drafting of the new National Technical Regulation for Building Structures, Working group leader for Aluminium structures
- Slovenian accreditation (SA) - Expert
- European Committee for Standardization (CEN) - Member: CEN/TC 250/SC 03/WG 08, CEN/TC 250/SC 03/WG 10, CEN/TC 250/SC 03/WG 12, CEN/TC 250/SC 09/WG 01, CEN/TC 250/SC 09/WG 02 and CEN/TC 250/SC 09/WG 03
- European Convention for Constructional Steelwork (ECCS) - Individual Member
- Croatian Standards Institute - President of the TO 548/PO 9 (National mirror committee (NMC) to CEN/TC 250/SC 9 - Design of aluminium structures)
- Croatian Accreditation Agency (HAA) - Expert
- Croatian Standards Institute - Member: TO 548 (NMC to CEN/TC 250), TO 548/PO 1 (NMSC to CEN/TC 250/SC 1), TO 548/PO 3 (NMSC to CEN/TC 250/SC 3), TO 548/PO 9 (NMSC to CEN/TC 250/SC 9) and TO 167 (NMC to ISO/TC 167 and CEN/TC 135)
- Croatian Chamber of Civil Engineers (HKIG) - Member - Chartered Structural Engineer
- International Association for Bridge and Structural Engineering (IABSE) - Member

Publications

Detail list of publications (available on the web site):
<http://bib.irb.hr/lista-radova?autor=246764&lang=EN>