PERSONAL INFORMATION

Ivica Boko

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Sex M | Date of birth 17/01/1971 | Nationality Croatian

WORK EXPERIENCE

September 2019 – today

Full professor, Tenure

University of Split, Faculty of Civil Engineering, Architecture and Geodesy

Matice Hrvatske 15, 21000 Split (Croatia), www.gradst.unist.hr

- Lecturer in undergraduate & graduate courses: Metal structures, Composite structures, Timber structures, Reliability of structures, Steel bridges
- Research and modelling extreme loads upon structures
- Chief on Chair for Steel and Wood Structures

Teaching and Scientific research sector

April 2014 – September 2019

Full professor

University of Split, Faculty of Civil Engineering, Architecture and Geodesy

Matice Hrvatske 15, 21000 Split (Croatia), www.gradst.unist.hr

- Lecturer in undergraduate & graduate courses: Metal structures, Composite structures, Timber structures, Reliability of structures, Steel bridges
- Research and modelling extreme loads upon structures
- Chief on Chair for Steel and Wood Structures

Teaching and Scientific research sector

January 2011 – April 2014

Associate professor

University of Split, Faculty of Civil Engineering, Architecture and Geodesy

Matice Hrvatske 15, 21000 Split (Croatia), www.gradst.unist.hr

- Lecturer in undergraduate & graduate courses: Metal structures, Composite structures, Timber structures, Reliability of structures, Steel bridges
- Research and modelling extreme loads upon structures
- Chief on Chair for Steel and Wood Structures

Teaching and Scientific research sector

June 2006 – January 2011

Assistant professor

University of Split, Faculty of Civil Engineering, Architecture and Geodesy

Matice Hrvatske 15, 21000 Split (Croatia), www.gradst.unist.hr

- Lecturer in undergraduate & graduate courses: Metal structures, Composite structures, Timber structures, Reliability of structures, Steel bridges
- Research and modelling extreme loads upon structures
- Chief on Chair for Steel and Wood Structures

Teaching and Scientific research sector

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EDUCATION AND TRAINING

July 2001 – June 2005

PhD degree

University of Split Faculty of Civil Engineering and Architecture

Matice Hrvatske 15, 21000 Split (Croatia), www.gradst.unist.hr

- Ph.D. Thesis title: **Determination of the safety degree of steel structures under the influence of fire loads**

October 1997 – July 2001

M.Sc.degree

University of Split Faculty of Civil Engineering

Matice Hrvatske 15, 21000 Split (Croatia), www.gradst.unist.hr

- M.Sc. Thesis title: **Safety of steel structures under the influence of fire loads**

PERSONAL SKILLS

Mother tongue(s): Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1

Communication skills

- Highly developed communication skills gained through years of teaching, conference presentations, work as a doctoral students' advisor

Organisational / managerial skills

- Faculty Representative in the Independent Union of Research and Higher Education Employees of Croatia
- Team management skills gained through work as a head of Chair for steel and timber structures

Job-related skills

- Development of new teaching curricula
- Design of fire-related structural tests (fire tests on isolated steel and concrete members)
- Experience in laboratory test procedures (testing of mechanical properties of steel and concrete)
- Development of structural engineering software
- Structural analysis of steel and timber structures

Computer skills

- Excellent command of Microsoft Office
- Working in specialist softwares: **Autocad, Autocad: Structural detailing, Robot, Scia Engineer, IDEA StatiCa, Cop**

Driving licence: B

ADDITIONAL INFORMATION

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Publications

- M. Goreta; N. Torić; I. Boko; V. Divić: Behaviour of Aluminium EN AW 6082 T6 Columns Exposed to Transient Heating — Experimental and Numerical Analysis, Metals, 12 (2022), 8; 1326, 17 doi:10.3390/met12081326
- D. Milan; N. Torić; I. Boko: Performance analysis of a simple aluminium structure in fire conditions, Advances in Civil and Architectural Engineering 13 (24), 12-22 doi:10.13167/2022.24.2
- M. Goreta; N. Torić; I. Boko: Calibration of an Existing Creep Model for Analysis of Aluminium Members Exposed to Constant Temperature, International journal for engineering modelling, 34 (2021), 2; 1-15 doi:10.31534/engmod.2021.2.ri.01m
- S. Juradin; L.K. Vranješ; D. Jozić; I. Boko: Post-Fire Mechanical Properties of Concrete Reinforced with Spanish Broom Fibers, Journal of Composites Science 5 (10) (2021), 265
- S. Juradin, I. Boko, I. Netinger Grubeša, D. Jozić, S. Mrakovčić: Influence of harvesting time and maceration method of Spanish Broom (Spartium junceum L.) fibers on mechanical properties of reinforced cement mortar, Construction and building materials, 225 (2019), 243-255 doi:10.1016/j.conbuildmat.2019.07.207
- N. Torić, I. Boko, V. Divić, I. W.Burgess: Behaviour of Steel Grade S275JR Columns under the Influence of High-Temperature Creep, Metals, 8 (2018), 11; 874, 16 doi:10.3390/met8110874
- N.Torić, J. Brnić, I. Boko, M. Brčić, I. W. Burgess, I. Uzelac: Experimental Analysis of the Behaviour of Aluminium Alloy EN6082 AW T6 at High Temperature, Metals, 2017, DOI: 10.3390/met7040126
- N. Torić, I. Boko, S. Juradin, G. Baloević: Mechanical Properties of Light-Weight Concrete After Fire Exposure, Structural Concrete, 2016, DOI: 10.1002/suco.201500145
- K. Ninčević, J. Ožbolt, I. Boko: The influence of continuing reinforcement on the load capacity and damage of concrete of a RC beam previously exposed to high temperatures, Gradevinar, 2016, DOI: 10.14256/JCE.1667.2016
- D. Skejić, I. Boko, N. Torić: Aluminium as a material for modern structures, Gradevinar, 2015, DOI: https://doi.org/10.14256/JCE.1395.2015

Projects

Research project "Influence of creep strain on the load capacity of steel and aluminium columns exposed to fire", Project leader Neno Torić, University of Split, Faculty of Civil Engineering, Architecture and Geodesy (2015-2018); (financed by Croatian Science Foundation)

Research project "Increasing the development of new wood industry products used in construction", Project leader Ivica Boko, University of Split, Faculty of Civil Engineering, Architecture and Geodesy (2020-2023); (co-financed by the European Union from the European Regional Development Fund, operational program Competitiveness and Cohesion 2014 - 2020.)

Honours and awards

2006 Award by Design company Trimo at the fifth Trimo Research Awards competition for the best doctoral thesis
2005 Award by Design company Trimo at the fourth Trimo Research Awards competition for the best master thesis

Memberships

ECCS - European Convention for Constructional steelwork
Croatian Association of Civil Engineers

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