



Davorin Penava

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<https://www.facebook.com/davorin.penava> | <https://twitter.com/DavorinPenava> |

<https://www.instagram.com/davorin.penava/?hl=hr> |

<https://www.linkedin.com/in/davorin-penava-b6742aa4> |

https://www.researchgate.net/profile/Davorin_Penava |

<https://scholar.google.com/citations?hl=hr&user=4JwYXtUAAAAJ> |

<https://orcid.org/0000-0001-7539-4639> | <https://www.bib.irb.hr/pregled/znanstvenici/285681> |

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3 Vladimir Prelog Street, Office II.2, HR-31000, Osijek, Croatia

About me: Davorin Penava, BEng, MEng, MSc (pg), PhD, Assoc. Prof. (CE), Snr. Res. (Fund. Tech. Sci.), scientist/researcher educated in the field of civil (structural) at BEng and MEng, computational at MSc (pg) and earthquake engineering at PhD level. Associate Professor in Civil Engineering and Senior Research Associate in Fundamental Technical Sciences at Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture.

● WORK EXPERIENCE

1 OCT 2020 – CURRENT – Osijek, Croatia

HEAD OF DEPARTMENT OF TECHNICAL MECHANICS – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

1 FEB 2016 – CURRENT – Osijek, Croatia

CHAIRPERSON OF POSTGRADUATE STUDY PROGRAMMES COMMITTEE – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

1 FEB 2016 – CURRENT – Osijek, Croatia

HEAD OF POSTGRADUATE UNIVERSITY (DOCTORAL) STUDY PROGRAMME AND POSTGRADUATE SPECIALIST STUDY PROGRAMME – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

1 FEB 2016 – CURRENT – Osijek, Croatia

MEMBER OF SCIENCE COMMITTEE – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

1 OCT 2015 – 30 SEP 2020 – Osijek, Croatia

HEAD OF LABORATORY ON EXPERIMENTAL MECHANICS NAMED AFTER PROFESSOR VLADIMIR SIGMUND – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

14 MAY 2019 – CURRENT – Osijek, Croatia

ASSOCIATE PROFESSOR – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

Appointment to Scientific Grade: Senior Research Associate

Administrative and support service activities | 3 Vladimir Prelog Street, 31000, Osijek, Croatia

10 DEC 2013 – 1 DEC 2019 – Osijek, Croatia

ASSISTANT PROFESSOR – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

Appointment to Scientific Grade: Senior Research Associate

10 DEC 2013 – 14 MAY 2019 – Osijek, Croatia

ASSISTANT PROFESSOR – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

Appointment to Scientific Grade: Research Associate

Professional, scientific and technical activities | 3 Vladimir Prelog Street, 31000, Osijek, Croatia

1 FEB 2016 – 30 SEP 2018 – Osijek, Croatia

DEPUTY HEAD OF DEPARTMENT OF TECHNICAL MECHANICS – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

17 SEP 2012 – 10 DEC 2013 – Osijek, Croatia

SENIOR RESEARCH & TEACHING ASSISTANT – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

Appointment to Scientific Grade: Research Associate

Professional, scientific and technical activities | 3 Vladimir Prelog Street, 31000, Osijek, Croatia

15 NOV 2013 – 10 DEC 2013 – Osijek, Croatia

JUNIOR RESEARCH & TEACHING ASSISTANT – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

Appointment to Scientific Grade: Research Associate

1 APR 2006 – 17 SEP 2012 – Osijek, Croatia

JUNIOR RESEARCH & TEACHING ASSISTANT – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

Professional, scientific and technical activities | 3 Vladimir Prelog Street, 31000, Osijek, Croatia

● EDUCATION AND TRAINING

8 JAN 2020 – 19 JAN 2020 – 38800 Country Club Dr., Farmington Hills, MI, United States

DISASTER RECONNAISSANCE ON DURRËS, ALBANIA M6.4 NOVEMBER 26TH, 2019 EARTHQUAKE | ACI 133 – American Concrete Institute Committee 133 Disaster Reconnaissance

https://www.concrete.org/committees/directoryofcommittees/acommitteehome.aspx?committee_code=C0013300

25 OCT 2019 – 30 OCT 2019 – Marienstraße 13B, Weimar, Germany

RESEARCH STAY AND VISIT | MZO-DAAD RESEARCHER EXCHANGE PROGRAMME – Bauhaus-Universität Weimar, Earthquake Damage Analysis Centre (EDAC)

<https://www.edac.biz/>

16 SEP 2018 – 21 SEP 2018 – Marienstraße 13B, Weimar, Germany

RESEARCH STAY AND VISIT | MZO-DAAD RESEARCHER EXCHANGE PROGRAMME – Bauhaus-Universität Weimar, Earthquake Damage Analysis Centre (EDAC)

<https://www.edac.biz/>

23 AUG 2017 – 29 AUG 2017 – Marienstraße 13B, Weimar, Germany

TEACHING STAY AND VISIT | ERASMUS+ PROGRAMME - KEY ACTION 2 – Bauhaus-Universität Weimar, Earthquake Damage Analysis Centre (EDAC)

<https://www.edac.biz/>

20 MAR 2017 – 24 MAR 2017 – Aveiro, Portugal

TEACHING STAY AND VISIT | ERASMUS+ PROGRAMME - KEY ACTION 2 – University of Aveiro, Department of Mathematics

<https://www.ua.pt/pt/dmat/>

3 JUN 2019 – 7 JUN 2019 – Marienstraße 13B, Weimar, Germany

TEACHING STAY AND VISIT | ERASMUS+ PROGRAMME - KEY ACTION 2 – Bauhaus-Universität Weimar, Earthquake Damage Analysis Centre (EDAC)

<https://www.edac.biz/>

1 JUL 2017 – 15 JUL 2017 – NE1, Newcastle upon Tyne, United Kingdom

RESEARCH STAY AND VISIT | ERASMUS+ PROGRAMME - KEY ACTION 1 – Newcastle University, School of Engineering

<https://www.ncl.ac.uk/engineering/>

1 NOV 2015 – 30 NOV 2015 – SA1, Swansea, United Kingdom

RESEARCH STAY AND VISIT | ERASMUS+ PROGRAMME - KEY ACTION 1 – Swansea University, College of Engineering, Zienkiewicz Centre for Computational Engineering

- Programming and developing orthotropic material model and its implementation finite elements;
- Plenary lecture held.

<https://www.swansea.ac.uk/engineering/zcce/>

22 SEP 2014 – 23 SEP 2014 – Trg Republike Hrvatske 14, Zagreb, Croatia

TRIPLE A+ TRAINER, TEACHER AND COACH - PRACTITIONER LEVEL COURSE BY GUSTAAF VOCKING – Sveučilište u Zagrebu

Triple A+ Training, Practitioner Level in the field of Self-Management as part of the Modernising Doctoral Education through Implementation of CROQF project - (MODOC).

<http://www.unizg.hr/>

11 DEC 2011 – 17 DEC 2011 – I-Südstraße, Bochum, Germany

SCIENTIFIC PRESENTATION COURSE BY JOHN KLUEMPERS – Ruhr-Universität Bochum, Research School

Training held by John Cluempers PhD and supported by Deutsch Akademischer Austauschdienst (DAAD) .

<https://www.research-school.rub.de/>

1 FEB 2012 – 30 JUN 2012 – Ul. cara Hadrijana 10, Osijek, Croatia

PEDAGOGICAL-PSYCHOLOGICAL AND DIDACTIC-METHODICAL EDUCATION – Josip Juraj Strossmayer University of Osijek, Faculty of Education

<https://www.foozos.hr/en/contact>

11 DEC 2011 – 17 DEC 2011 – I-Südstraße, Bochum, Germany

RESEARCH STAY AND VISIT | DAAD SCHOLARSHIP PROGRAMME (SEEFORM) – Ruhr Bochum University, Research School

- EN1990:2002 + A1:2005 Basis of structural design;
- EN1991-1-1:2002, EN1991-1-2:2002, EN1991-1-3:2003, EN1991-1-4:2005, EN1991-1-5:2003, EN1991-1-6:2005, EN1991-1-7:2006, Actions on structures;
- Engineering informatics or modern FE-applications (wind turbine model), parallel computing;
- Overview about ANSYS-Mechanics (FE applications);
- Overview about ANSYS-CFX (Computational Fluid Dynamics);
- Strut and Tie methods and EN1992 Design of Concrete structures;
- Practical part: ANSYS-CFX application in computational fluid dynamics.

<https://www.research-school.rub.de/>

24 NOV 2011 – 25 NOV 2011 – 14 Alexandar Medvedev Street, Niš, Serbia

RESEARCH STAY AND VISIT | DAAD SCHOLARSHIP PROGRAMME (SEEFORM) – University of Niš, Faculty of Civil Engineering and Architecture

<https://www.ni.ac.rs/en/faculties/faculty-of-civil-engineering-and-architecture>

16 APR 2010 – 23 APR 2010 – 24 Partizanski odredi Boulevard, Skopje, North Macedonia

RESEARCH STAY AND VISIT | DAAD SCHOLARSHIP PROGRAMME (SEEFORM) – Ss. Cyril and Methodius University in Skopje, Faculty of Civil Engineering

- EN1992 Design of concrete structures, EN1996 Design of masonry structures, EN1998 Design of structures for earthquake resistance (practical assignment);
- Active Structures and Control: Introduction to active structures. Piezoelectric materials. Modelling of piezoelectric structures;
- Active Structures and Control: State space and transfer function model development for active structures from the controller design point of view;
- Active Structures and Control: Dynamical behaviour of active structures and modelling. Modal analysis;
- Active Structures and Control: Discrete time systems for active structural control. Discrete-time controller design;
- Active Structures and Control: Advanced control methods and applications.

http://www.ukim.edu.mk/en_struktura_contact.php?inst=7

1 OCT 2009 – 31 JAN 2010 – 1 Mies van der Rohe Street, Aachen, Germany

RESEARCH STAY AND VISIT | DAAD SCHOLARSHIP PROGRAMME (SEEFORM) – RWTH Aachen University, Faculty of Civil Engineering, Chair of Structural Analysis and Dynamics

- Nonlinear computations in practical use in earthquake resistant design of framed-masonry structures;
- Establishing international relations and cultural diversity;
- Increasing language skills;
- Working in international team;
- Working under supervision of Prof. Dr.-Ing. Christoph Butenweg.

<https://www.lbb.rwth-aachen.de/cms/~eaxh/LBB/>

7 APR 2008 – 11 APR 2008 – 24 Partizanski odredi Boulevard, Skopje, North Macedonia

RESEARCH STAY AND VISIT | DAAD SCHOLARSHIP PROGRAMME (SEEFORM) – Ss. Cyril and Methodius University in Skopje, Faculty of Civil Engineering

- Computational Methods in Acoustics;
- Computational Structural Dynamics.

http://www.ukim.edu.mk/en_struktura_contact.php?inst=7

16 JAN 2009 – 29 AUG 2012 – 3 Vladimir Prelog Street, Osijek, Croatia

DOCTOR OF SCIENCE IN CIVIL (EARTHQUAKE) ENGINEERING – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

- PhD thesis entitled "Influence of openings on seismic response of reinforced concrete frames with masonry infill walls" under supervision of Professor Vladimir Sigmund and co-supervision Dr. Christoph Butenweg (RWTH Aachen University).
- Postgraduate university (doctoral) study programme in the framework of Ministry of Science and Education of Republic of Croatia Junior Research & Teaching Assistant Programme, research project entitled "Seismic Design of Infilled Frames" (project reference: 149-1492966-1536) granted by Ministry of Science and Education of Republic of Croatia and German Academic Exchange Service (DAAD) Scholarship Programme entitled The South East European Graduate School for Master and PhD Formation (SEEFORM).

Field(s) of study

- Civil (Earthquake) Engineering

<http://www.gfos.unios.hr/>

29 NOV 2005 – 22 SEP 2008 – 73 King Alexander Boulevard, Beograd, Serbia

INTERNATIONAL POSTGRADUATE RESEARCH MASTER'S DEGREE (MSC) IN CIVIL (COMPUTATIONAL) ENGINEERING – University of Belgrade, Faculty of Civil Engineering

- MSC thesis entitled "Vibration Analysis of Frame Structures Using Spectral Element Method" under supervision of Associate Professor Mira Petronijević (University of Belgrade), Professor Vladimir Sigmund and Professor Günther Schmid (Ruhr Bochum University)
- International Postgraduate Research Master's Programme in Civil (Computational) Engineering in the framework German Academic Exchange Service (DAAD) Scholarship Programme

<https://www.grf.bg.ac.rs/home/e>

1 OCT 2000 – 3 NOV 2005 – 3 Vladimir Prelog Str., Osijek, Croatia

INTEGRATED BACHELOR'S DEGREE (BENG) IN CIVIL ENGINEERING & MASTER'S DEGREE (MENG) IN CIVIL (STRUCTURAL) ENGINEERING – Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture Osijek

MEng thesis entitled "Passive Energy Dissipation Devices" under supervision of Professor Vladimir Sigmund.

Field(s) of study

- Civil Engineering

A | Passive Energy Dissipation Devices | <http://www.gfos.unios.hr/>

1 SEP 1996 – 30 AUG 2000 – 15 Stanko Vraz Street , Vinkovci, Croatia

CIVIL (CONSTRUCTION) ENGINEERING TECHNICIAN – Technical (Secondary) School Ruđer Bošković Vinkovci

<http://ss-tehnicka-rboskovica-vk.skole.hr/>

24 SEP 2019 – 25 SEP 2019 – Savska cesta 32, Zagreb, Croatia

SUCCESS WITH PRESENTATIONS – British Council Croatia by Rachel Appleby

<https://www.britishcouncil.hr/>

11 SEP 2019 – 11 SEP 2019 – Savska cesta 32, Zagreb, Croatia

BETTER EMAILS BY RACHEL APPLEBY – British Council Croatia

<https://www.britishcouncil.hr/>

10 SEP 2019 – 10 SEP 2019 – Savska cesta 32, Zagreb, Croatia

NETWORKING AND RELATIONSHIP BUILDING FOR SUCCESS BY RACHEL APPLEBY – British Council Croatia

<https://www.britishcouncil.hr/>

4 FEB 2019 – 8 FEB 2019 – Savska cesta 32, Zagreb, Croatia

ACADEMIC TEACHING EXCELLENCE: ENGLISH AS THE MEDIUM OF INSTRUCTION BY ROB LEWIS – British Council Croatia

<https://www.britishcouncil.hr/>

● LANGUAGE SKILLS

Mother tongue(s): CROATIAN

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
GERMAN	B2	B2	B2	B2	B2
SPANISH	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PROJECTS

1 NOV 2020 – CURRENT

“Young Researchers' Career Development Project – Training of New Doctoral Students”
(Project Ref.: DOK-20201-01)

Grant by Croatian Science Foundation; Research Project; Project Leader: Associate Professor Davorin Penava

15 JAN 2020 – CURRENT

Environmental Risk Assessment and Mitigation on Cultural Heritage Assets in Central Asia - ERAMCA (Project Ref.: 609574-EPP-1-2019-1-IT-EPPKA2-CBHE-JP)

Grant by ERASMUS+ programme - Key Action 2; Principal Coordinator: Professor Fulvio Rinaudo, Politecnico di Torino, Torino, Italy; Local Partner University Coordinator: Associate Professor Davorin Penava

1 MAR 2020 – CURRENT

Sustainable model of professional training at the Faculty of Civil Engineering and Architecture Osijek - PRAG (Project Ref.: UP.03.1.1.04.0012)

Grant by European Structural and Investment Funds; Development Project; Project Leader: Associate Professor Zlata Dolaček-Alduk

1 MAR 2020 – CURRENT

Razvoj i primjena naprednih građevinskih materijala za izgradnju zdravih zgrada: zaštita od neionizirajućeg zračenja -Z2Grade (Project Ref.: KK.01.1.1.04.0105)

Grant by European Social Fund; Development Project; Project Leader: Professor Damir Varevac

12 OCT 2018 – CURRENT

Resilient Structures - InterStruct (Project Ref.: UP.03.1.1.02.0028)

Grant by European Social Fund; Development Project; Project Leader: Professor Damir Varevac

1 SEP 2016 – 31 AUG 2019

Forecast Engineering: From Past Design to Future Decisions - FE (Project Reference: 2016-1-DE01-KA203-002905)

Grant by ERASMUS+ programme - Key Action 2; Principal Coordinator: Dr. Lars Abrahamczyk, Bauhaus-Universität Weimar, Weimar, Germany; Local Partner University Coordinator: Assistant Professor Davorin Penava

1 JAN 2018 – 1 JAN 2020

Damage prognosis for reinforced concrete FRAMe structures with Masonry Infill walls under 3D Earthquake action - EFRAIM

Grant by Ministry of Science and Education of Republic of Croatia; Bilateral Research Project; Project Leaders: Assistant Professor Davorin Penava (Croatia) & Dr. Lars Abrahamczyk (Germany)

1 FEB 2016 – 1 FEB 2020

Influence of Openings on Out-of-Plane Earthquake Resistance of Framed-Masonry Walls

Grant by Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering and Architecture; Research Project; Project Leader: Assistant Professor Davorin Penava

1 JUN 2015 – 1 JAN 2017

Development and implementation of CQF in higher education of civil engineers (Project Ref.: HR.3.1.15-0025)

Grant by European Social Fund; Development Project; Project Leader: Associate Professor Zlata Dolaček-Alduk

1 SEP 2014 – 30 SEP 2017

Frame-Masonry Composites for Modelling and Standardization - FRAMA (Project Ref.: HRZZ-IP-2013-11-3013)

Grant by Croatian Science Foundation; Research Project; Project Leader: Professor Vladimir Sigmund

1 FEB 2015 – 28 FEB 2016

Micromodel of a Framed-Masonry Building to Simulate the Effects of Earthquakes (Project Ref.: IP 2014-111)

Grant by Josip Juraj Strossmayer University of Osijek; Research Project; Project Leader: Assistant Professor Davorin Penava

1 JAN 2012 – 1 JAN 2014

Nonlinear Analysis of RC Frames with Types of Infill Characteristic for Macedonia and Croatia

Grant by Ministry of Science and Education of Republic of Croatia; Bilateral Research Project; Project Leaders: Professor Vladimir Sigmund (Croatia) & Professor Golubka Necevska Cvetanovska (North Macedonia)

1 JAN 2007 – 1 JAN 2014

Seismic Design of Infilled Frames (Project Ref.: 149-1492966-1536)

Grant by Ministry of Science and Education of Republic of Croatia; Research Project; Project Leader: Professor Vladimir Sigmund

1 APR 2005 – 31 DEC 2005

Selection of Optimal Technologies for Rehabilitation of Structures (Project Ref. 0149260)

Grant by Ministry of Science and Education of Republic of Croatia; Research Project; Project Leader: Professor Petar Brana

● **NETWORKS AND MEMBERSHIPS**

Professional Societies

- Croatian Society of Mechanics (HDM/CSM); Chairperson of Osijek Section; Vice-Chair
- DAAD Alumni
- Society of Civil Engineers Osijek (DGIO); Vice-Chair
- Croatian Geotechnical Society (HGD/CGS)
- The Masonry Society (TMS)

Technical Committees

- Croatian Standards Institute; Technical Committee HZN/TO 548/PO 10; Structural Eurocodes; EN 1990 Basis of Structural Design
- Croatian Standards Institute; Technical Committee HZN/TO 548/PO 11; Structural Eurocodes; Structural Glass

Conference Scientific and Organizational Committees

- Euro-American Congress REHABEND 2020 on Construction Pathology, Rehabilitation Technology and Heritage Management
- 8th Assembly of Croatian Society of Mechanics (chairperson)
- 9th Assembly of Croatian Society of Mechanics
- 10th Assembly of Croatian Society of Mechanics
- 10th International Congress of Croatian Society of Mechanics (10thICCSM)
- Concrete in Contemporary Civil Engineering in 2019 (Banja Luka, BiH)

Editorial Board of Scientific Journals

- Civil Engineering Journal (<https://www.civilejournal.org/index.php/cej>)
- Građevinar (<http://www.casopis-gradjevinar.hr/>)
- Environmental Engineering (<https://www.gfv.unizg.hr/static/casopis-inzenjerstvo-okolisa>)
- Geosciences (https://www.mdpi.com/journal/geosciences/topic_editors)

● SPECIAL ISSUE GUEST EDITOR OF SCIENTIFIC JOURNALS

1 NOV 2020 – CURRENT

Risk and Vulnerability Assessment of Residential and Commercial Building Types for Earthquake Ground Shaking

Geosciences (ISSN 2076-3263; CODEN: GBSEDA)
https://www.mdpi.com/journal/geosciences/special_issues/Building_Earthquake

1 FEB 2020 – 1 JUL 2020

Environmental Hazards

Environmental Engineering - Inženjerstvo okoliša (ISSN 1849-4714 - Print; ISSN 1849-5079 - Online)
<https://www.gfv.unizg.hr/static/casopis-inzenjerstvo-okolisa>

● PHD THESIS SUPERVISION

1 OCT 2016 – CURRENT

Assessment of the out-of-plane earthquake resistance of reinforced concrete frame structures with masonry infill walls containing openings

Student name:
Filip Anić, Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek, Croatia

1 OCT 2017 – CURRENT

Influence of Masonry Infill Walls, with and without Openings, on Unintended Torsional Response of Reinforced Concrete Frame Structures

Student name:
Dalibor Burilo, Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek, Croatia

1 NOV 2020 – CURRENT

Framework for the assessment of masonry arch bridge capacities under multi-hazard and network relevance consideration

Student name:
Domagoj Trajber, Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek, Croatia

● MEMBERSHIP OF PHD COMMITTEES

Models for Strengthening Assessment of Reinforced Concrete Frames by Adding the Infills for Earthquake Action

Student name:
Marin Grubišić, Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek, Croatia

Assessment of the out-of-plane earthquake resistance of reinforced concrete frame structures with masonry infill walls containing openings

Student name:

Filip Anić, Josip Juraj Strossmayer University of Osijek, Faculty of Civil Engineering Osijek, Osijek, Croatia

● PHD EXTERNAL EXAMINER

1 OCT 2014 – 1 JUN 2019

Model Quality of Interaction Phenomena Between RC Frame and masonry Infills Under Horizontal cyclic Loading

Student name:

Mhd. Hisham Al Hanoun, Bauhaus-Universität Weimar, Weimar, Germany

● HONOURS AND AWARDS

Scholarships

- 3 year DAAD scholarship for postgraduate university (doctoral) degree programme
- 2 year DAAD scholarship for postgraduate research master's degree programme

Awards

- Introducing Research and Development Project 2015 Competition by Gamax Laboratory Solutions Award
- Rector Award of Josip Juraj Strossmayer University of Osijek in academic year 2003/04
- Lions Club Osijek Award for academic accomplishments in academic year 2003/04
- 3rd place award for design project entitled "Osijek's Sunflower"

Supervision of awarded student's thesis projects

- graduate thesis entitled "Design of framed-masonry walls under in-plane and out-of-plane loading" by Filip Anić, BEng, awarded as best graduate thesis at national level in year 2016 by Croatian Association of Civil Engineers (HSGI) based in Zagreb, Croatia
- one-semester thesis project by Antonio Radonjić awarded with Rectors Award in academic year 2018/19
- one-semester thesis project by Filip Anić awarded with Rectors Award in academic year 2014/15

● CONTRIBUTION TO CODES/STANDARDS/GUIDELINES

CEN/TC 250/SC 8 N 800 Draft 2 EN 1998-1-2 NEN SC 8 PT 2

Contribution to 7 AUXILIARY ELEMENTS; 7.4 Masonry infilled frames; 7.4.3 Interacting infills; 7.4.3.1 Design with model of the bare frame only; (6) In the application of (3), (5) and 7.4.3.2(1), infill panels with one or more openings should be neglected if the ratio of the sum of the areas of openings to the total area of the infill is larger than 0,4.

● MEMBERSHIP OF DISASTER RECONNAISSANCE TASK GROUP

8 JAN 2020 – 19 JAN 2020

Disaster Reconnaissance on Durrës, Albania M6.4 November 26th, 2019 Earthquake | ACI 133

American Concrete Institute Committee 133 Disaster Reconnaissance

● TEACHING ACTIVITY

Undergraduate University Study Programme in Civil Engineering

- Strength of Materials I
- Strength of Materials II
- Computer Programming in Civil Engineering

Undergraduate Professional Study Programme in Civil Engineering

- Massive Structures II (till academic year 2017/18)

Graduate University Study Programme in Civil Engineering

- Theory of Plates and Shells
- Analysis of Structure Stress and Load-Bearing Capacity
- The Finite Element Method
- Introduction to Scientific Work
- Nonlinear Analysis of Structures: Reinforced Concrete Frames with Masonry Infill Walls (ERASMUS+KA2)

Postgraduate University Specialist Study Programme in Civil Engineering

- Modelling of structures
- Problems, errors and their elimination in the design of buildings

Postgraduate University (Doctoral) Study Programme in Civil Engineering

- Models of nonlinear material and structure behavior (till academic year 2019/20)
- Theory and principles of assessment and retrofitting of historic buildings
- Theory and principles of scientific research

● REGISTRY NUMBER OF THE SCIENTIST AT MINISTRY OF SCIENCE AND EDUCATION OF REPUBLIC OF CROATIA

285681

● PUBLICATIONS

CROSBİ Croatian scientific bibliography

<https://www.bib.irb.hr/> – 2020

Google Scholar

<https://scholar.google.com/> – 2020

