

Aleksandra Bogdanovic

Assoc. Prof. Dr.

Aleksandra Bogdanovic
(formerly Zlateska)
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Personal Details

Sex: Female
Date of Birth: 14 September 1979
Nationality: Republic of Macedonia
Status: Married, one child

Work Experience

Associate Professor

December 2019 -

Head of Department for Dynamic Testing and Informatics

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
<http://www.iziis.edu.mk/>

- Research, Application, Education, Training

Assistant Professor

December 2014 - 2019

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
<http://www.iziis.edu.mk/>

- Research, Application, Education, Training
- Department: Dynamic Testing Laboratory and Informatics

Building Seismic Certification Reviewer

November 2013 - on going

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
<http://msz.iziis.ukim.edu.mk/>

- revision and super revision, field control, quality control

Project Leader

April 2014 - April 2015

Project: Optimal damper placement in steel structure
Client: Scientific project from Ministry of Science and Education

- Management, Coordination, Quality control, Research

Research Assistant

February 2007 - August 2014

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
<http://www.iziis.edu.mk/>

- Research, Application, Education, Training
- Department: Dynamic Testing Laboratory and Informatics

Young Research Assistant

April 2007 - February 2007

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
<http://www.iziis.edu.mk/>
▪ Research, Application, Education, Training
Department: Dynamic Testing Laboratory and Informatics

Young Research Assistant

April 2006 – April 2007

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
<http://www.iziis.edu.mk/>
▪ Research, Application, Education, Training
Department: Buildings and Materials

Part-time Research Assistant

October 2003 – April 2006

Ss. Cyril and Methodius University in Skopje
Institute of Earthquake Engineering and Engineering Seismology (IZIIS)
<http://www.iziis.edu.mk/>
▪ Research
Department: Engineering Structures and Software

Part-time Teaching Assistant

October 2001 – June 2003

Ss. Cyril and Methodius University in Skopje
Faculty of Civil Engineering
<http://www.gf.ukim.edu.mk/>
▪ Education
Subject: Strengthening of the materials
Department: Department for Strength and Mechanics of Structures

Part-time Teaching Assistant

October 2003 – February 2004

Ss. Cyril and Methodius University in Skopje
Faculty of Civil Engineering
<http://www.gf.ukim.edu.mk/>
▪ Education
Subject: Organization and Mechanizations
Department: Department for Organization and Mechanization

Visiting Professor

September 2016 – December 2016

International Balkan University in Skopje (IBU)
Faculty of Civil Engineering
<http://www.ibu.edu.mk/>
▪ Education
Subject: Building Materials
Subject: Reinforced Concrete

Visiting Professor

May 2016 – Erasmus Exchange Program for Academic Staff

University of Natural Resources and Life Sciences, BOKU, Vienna
Faculty for Geotechnical Engineering
<http://www.boku.ac.at/en/>
▪ Education
Subject: 873.009 Applied Earthquake Engineering
- Introduction to seismology and earthquakes
- Passive controlled structures

Education

Doctor in Technical Sciences / PhD

December 2014

Ss. Cyril and Methodius University in Skopje

Institute of Earthquake Engineering and Engineering Seismology (IZIIS)

<http://www.iziis.edu.mk/>

DAAD South Eastern European Graduate School for Master and PhD

Formation in Engineering (Scholarship Holder)

<http://www.seeform.ukim.edu.mk/>

Faculty of Civil Engineering, RWTH Aachen University, Aachen, Germany

<http://www.rwth-aachen.de/cms/~a/root/?lidx=1>

▪ **Control of Structures**

Master of Science in Earthquake Engineering / MSc

December 2006

Ss. Cyril and Methodius University in Skopje

Institute of Earthquake Engineering and Engineering Seismology (IZIIS)

DAAD South Eastern European Graduate School for Master and PhD

Formation in Engineering (Scholarship Holder)

<http://www.seeform.ukim.edu.mk/>

<http://www.iziis.edu.mk/>

▪ **Control of structures**

Graduate Civil Engineer

December 2003

Ss. Cyril and Methodius University in Skopje

Faculty of Civil Engineering

<http://www.gf.ukim.edu.mk/>

▪ **Reinforced Concrete**

Personal Skills

Languages:

Mother tongues(s): Macedonian

| Other Languages | Understanding | | Speaking | | Writing |
|-----------------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C1/2 | C1/2 | C1/2 | C1/2 | C1/2 |
| Serbo-Croatian | C1/2 | C1/2 | C1/2 | C1/2 | C1/2 |
| Italian | A1/2 | A1/2 | A1/2 | A1/2 | A1/2 |

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

Job-related Skills:

- Research & Education (Civil Engineering, design and analysis, Structural control and health monitoring, Dynamic of Structures, Experimental Mechanics, Earthquake Resistant Design of Structures, Structural Analysis, Development of Software and Applications)
- Management, Coordination, Quality Control

Computer Skills:

- ANSYS
- ARTEMIS
- ETABS and SAP (Structural Analysis Softwares)
- AutoCAD (Technical Design Software)
- CorelDraw (Graphical Design Software)
- Adobe Illustrator
- Microsoft Office™ tools

Other Skills:

- Graphic Design

Driving License:

- B (European Union Classification)

Trainings & Study Stays

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- (2015) Scientific Research stay in GERB Company, Berlin, Germany (1 week)
 - (2013) Doctoral Progress Seminar, Nis, Serbia, (5 days)
 - (2012) Training Seminar on Underground Structures in Cities, Skopje, Faculty of Civil Engineering, (3 days)
 - (2010) Training Seminar for Earthquake Engineering, Sile Campus, Isik University, Istanbul, Turkey, (1 week)
 - (2009) Doctoral study stay, SEEFORM/DAAD program for doctoral studies, RWTH Aachen University, Germany (3 months).
 - (2009) Exercise on the experimental and numerical advanced techniques for the assessment of structures damaged during the seismic shocks (Pilot project STEP - Strategies and tools for Early Post-Earthquake Assessment), L'Aquila, Italy (1 week).
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Seminars & Workshops:

- (2020) Earthquakes as natural phenomena and ways of their protection; Building Public Awareness", public high school 3rd year "Zdravko Cvetkovski", Skopje.
 - (2019) Earthquakes as natural phenomena and ways of their protection; Building Public Awareness", primary school, 4th grade, "11 Oktomvri" Skopje.
 - (2019) Earthquakes as natural phenomena and ways of their protection; Building Public Awareness", primary school, 4th grade, "Lazo Trpovski" Skopje.
 - (2019) Earthquakes as natural phenomena and ways of their protection; Building Public Awareness", public high school 1st and 2nd year "Saraj" from Skopje.
 - (2019) Workshop and training on "Earthquakes as Natural Hazard and how to protect" as part of the project: Joint Cross-Border Cooperation for the Protection of the Population from Natural Disasters and Human Factor-Related Disasters (C-CROSS), Interreg Border Cooperation Program - IPA CBC 2014-2020 and the Ministry of Local Self Government, (2019)
 - (2019) Participation in the workshop "MKS EN ISO / IEC 17025: 2018 - General competency requirements of testing and calibration laboratories", Institute for Standardization of RS Macedonia, Skopje, 2019
 - (2019) Presentation for Nonstructural Elements and AC156, Workshop on Nonstructural Elements, Lindner Company, Arnstorf, Germany, October 20-23, 2019
 - (2016) Expert forum „Seismic Resistance of Buildings“organised by Civil Engineering Faculty in Skopje, Institute for Testing Materials and Development of New Technologies – Skopje, Institute of Earthquake Engineering and Engineering Seismology (IZIIS) and Titan Cement Company Usje, 16.11.2016, Hotel Holiday Inn, Skopje, Macedonia.
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Earthquake Missions:

- (2016) Field safety assessment of buildings after the earthquake of

11.09.2016. in Skopje, R. N. Macedonia

- (2019) Field safety assessment of buildings after the earthquake of 26.11.2019 in Durres Albania.

Honors & Awards

- (2015) Macedonian Association for Structural Engineering, (MASE) Award for notable and best achievement in the civil engineering for 2014 for doctoral thesis.
- (2005) University Award – Engineering Ring, for the best student at the Ss. Cyril and Methodius University in Skopje.
- (2001) University Award for the best student at the Ss. Cyril and Methodius University in Skopje

Memberships:

Active Memberships:

- CICOP-Macedonia, Network of International Centres for the Conservation of Architectural Heritage, **Presidency member**.
- ICOMOS-Macedonia, International Council on Monuments and Sites, **member**.
- Macedonian Association of Earthquake Engineering (MAEE), **Member**.
- Macedonian Association of Civil Engineers (MASE), **Member**.
- European Association of Earthquake Engineering, **Member**.
- European Association for the Control of Structures, **Member**.
- COST Action (European cooperation in science and technology) ES1401, **member of Management Committee**.
- Reviewer in Frontiers Open Journals, Earthquake Engineering
- Guest Associate Editor for Earthquake Engineering in Frontiers Open Journals, CiteScore 2.14 <https://www.frontiersin.org/journals/built-environment/sections/earthquake-engineering>
- International Journal of Earthquake and Impact Engineering, Regional Editor for Europe, Inderscience Publishers, ISSN online 2397-9380, ISSN print 2397-9372
- Editorial board member of the American Journal of Science, Engineering and Technology
- Evaluator for Projects, Fund for Innovations and Technology Development, R. Macedonia
- Associate Editor in Journal of Practice Periodical on Structural Design and Construction, ASCE
<https://ascelibrary.org/page/ppscfx/editorialboard>

Past Memberships:

- Rotaract Club since 2006, **Secretary 2008/2009**
- International Conference of Applied Sciences, Engineering and Mathematics (IBU-ICASEM 2017), 5-7.05.2017, Ohrid-Struga, Republic of Macedonia, **Scientific Commettee Member**.
- 14th European Conference on Earthquake Engineering, 30.08-03.09.2010, Ohrid, Republic of Macedonia, **Organising Commettee Memeber**
- International SE-50EEE Conference to mark 50 years of Skopje Earthquake, May 28-31, Skopje, **Organising Commettee Memeber**
- Conference on Earthquake Engineering and Seismology (IZIIS50), Kiel, 12-16 May 2015, **Organising Commettee Memeber**
- International IZIIS40 Conference to mark 40 years of IZIIS Skopje, August 2005 ,Ohrid, R.Macedonia, **Organising Commettee Memeber**

Selected Projects:

- PARFORCE-KA226 - Partnerships for Digital Education Readiness, ERASMUS+ 2021-2023
- CRISIS: Comprehensive RISK assessment of basic services and transport InfraStructure, UCPM-2020-PP-AG, 2020-2022
- Integrative strengthening of seismic risk awareness, ISRA, UCPM-2022-PP, DG-ECHO, 2022-2024
- Engineering Research Infrastructures for European Synergies-ERIES, HORIZON-INFRA-2021-SERV-01-07, 2022-2026
- Integrated mobile laboratory for field research and damage assessment from earthquakes and other actions, EQ-MOBI-LAB, 2021-2023, Ministry of Education and Science, Principal Investigator
- Dynamic testing with force vibration method of Infills and Masonry structures protected by deformable Polyurethanes, Cracow University of Technology, Faculty of Civil Engineering, Cracow, Poland, UKIM-IZIIS, 2020/2021
- Monitoring of the behavior of building structure in Ohrid, N. Macedonia in real time with damage detection, UKIM-IZIIS, internal project, 2020-2021, leader
- Deputy Assistant and contact person for WP14, TA7: Access to DYNLAB shaking table at IZIIS, H2020-INFRAIA-2016-2017, Seismology and Earthquake Engineering Research Infrastructure Alliance for Europe – SERA.
- Seismic Certification of Non-structural Elements, according AC156
- Raised Floors height=0.5m;1.0m (2018)
- Experimental Seismic Shaking Table Testing of a Physical Model of the Antenna System for Control and Monitoring of Radiofrequencies in the Territory of R. Macedonia (2017)
- Quazi-static testing of the connection between platform steel structure with reinforced concrete core of the Antenna System for Control and Monitoring of Radiofrequencies in the Territory of R. Macedonia (2017)
- Optimal damper placement in steel structure-Scientific project from Ministry of Science and Education (2014/2015), leader
- EC FP7 Project – SERIES – “Seismic Engineering Research Infrastructures for European Synergies” (2009-2013)
- EC FP7 Project – UREDITEME – “Upgrading of Research Equipment for Dynamic Testing of Large Scale Models” (2009-2012)
- Seismic qualification by Time History Shaking Table Testing of different types of Transformers Manufactured by KONČAR Instrument transformers (2007 – project in continuation every year)
- Shaking Table Effectiveness Testing of GERB PDD (Prestressed Damping Device) Control System (2009)
- Shaking Table Testing of Wienerberger Two Storey Masonry Models without and with Antiseismic Devices (2009)
- Shaking Table Testing of Wienerberger Unreinforced Masonry Models Without and With Antiseismic Devices (2008)
- Shaking Table Testing of Wienerberger Unreinforced Masonry Models Without and With Antiseismic Devices(2008)
- Proof Tests on a Shaking Table of a New Brick Laying System Patented by PREXO SEALING, Norway (2007)

Participation on the Selected Conferences/oral presentation:

- Geotechnical aspects in engineering, 13-15 November ,2019, Vrnjacka Banja, R. Serbia.
- SECED2019, 9-10 September 2019, Greenwich, London, UK
- The European Seismological Commission 36th General Assembly, ESC2018, 2-9 September, 2018, Valetta , Malta
- 18th International Symposium of Macedonian Association of Structural Engineers (MASE) 02-05 October, 2018 Ohrid, Macedonia
- 11th ACES Conference, 19-21 June, 2019, Zlatibor, R. Serbia

- 16 European of Earthquake Engineering and Engineering Seismology, 16-18 June 2018, Thessaloniki, Greece.
- ESC20118, 36th General Assembly of Earthquake Seismology, 2-7 September, 2018, Malta
- Convener, organizer and chairmen of Session 31 " New Techniques and Technologies in Earthquake Engineering, ESC2018, 36th General Assembly of Earthquake Seismology, 2-7 September, Malta, 56 participants in the session
- 18th International Symposium of Macedonian Association of Structural Engineers (MASE) 02-05 October, 2018 Ohrid, Macedonia
- 14TH INTERNATIONAL SCIENTIFIC CONFERENCE INDIS, Novi Sad, 2018
- 17th International Symposium of Macedonian Association of Structural Engineers (MASE) 04-07 October, 2017 Ohrid, Macedonia
- 16th International Symposium of Macedonian Association of Structural Engineers (MASE 2015), Ohrid, Macedonia, 01-03 Oct 2015.
- International Conference on Earthquake Engineering and Seismology (IZIIS50), Kiel, 12-16 May 2015.
- 10 years SEEFORM, Scientific conference, 9-10.10. 2014, Skopje, Macedonia.
- Second European Conference on Earthquake Engineering and Engineering Seismology, Istanbul, Turkey, August 25-29, 2014.
- International Conference: "Skopje Earthquake - 50 Years of European Earthquake Engineering" (SE-50EEE), 29-31.05. 2013, Skopje, Republic of Macedonia.
- 15th World Conference on Earthquake Engineering, 24-28.09.2012, Lisbon, Portugal.
- 14th European Conference on Earthquake Engineering, 30.08-03.09.2010, Ohrid, Republic of Macedonia.
- 13 International Symposium of Macedonian Association of Structural Engineers, (MASE-2009), 14-17 October, Ohrid, Republic of Macedonia, 2009.
- 1st German - South East European Conference on Civil and Environmental Engineering Sciences, 08-09.12.2008, Bochum, Germany.
- 14 World Conference on Earthquake Engineering, 12-17.10.2008, Beijing, China.
- 12 International Symposium of Macedonian Association of Structural Engineers (MASE-2007), September, Struga, Republic of Macedonia.
- First European Conference on Earthquake Engineering and Seismology, 3-8 September 2006, Geneva, Switzerland.

Scientific papers/Journals:

- Z. T. Rakicevic, A. Bogdanovic, D. Jurukovski, P. Nawrotzki, (2012) Effectiveness of tune mass damper in the reduction of the seismic response of the structure, Bulletin of Earthquake Engineering, Volume 10, Issue 3 (June 2012), DOI [10.1007/s10518-012-9341-3](https://doi.org/10.1007/s10518-012-9341-3), Springer, 1049-1073
- A.Bogdanovic, K.Edip, M.Stojmanovska, (2015) Effects of dampers in simulation of soil structure interaction problems, Scientific Journal of Civil engineering, Volume 4, Issue 2, December 2015. ISSN:1857-839X
- Bogdanovic, A., Edip, K., & Stojmanovska, M. (2016) Influence of Height in Simulation of Soil Structure Interaction Problems with Dampers. Selected Scientific Papers: Journal of Civil Engineering, 11(2), 2016.
- A.Bogdanovic, K.Edip, M.Stojmanovska, (2016) Simultaion of soil

structure interaction problems considering material properties, Journal of Scientific and Engineering Research, Volume 3, Issue 2, 2016. ISSN: 2394-2630.

- M.Stojmanovska, A.Bogdanovic, K.Edip and Dragi Dojcinovski, (2016) State of the art review on seismic behaviour of XLAM Structures, Scientific Journal of Civil engineering, Volume 5, Issue 1, July 2016. ISSN:1857-839X
- M.Stojmanovska, A.Bogdanovic, K.Edip and A.Soklarovski , (2016) Earthquakes and height effects in soil structure interaction problems, Scientific Journal of Civil engineering, Volume 5, Issue 2, December 2016. ISSN:1857-839X
- Aydin Demir, Hakan Ozturk, Aleksandra Bogdanovic, Marta Stojmanovska and Kemal Edip. (2017), Sensitivity of Dilation Angle in Numerical Simulation of Reinforced Concrete Deep Beams. Scientific Journal of Civil Engineering, Volume 6, Issue 1, 2017, ISSN:1857-839X
- A.Demir, N.Caglar, H.Ozturk, K.Edip, M.Stojmanovska, A.Bogdanovici, (2018) Effect of Viscosity parameter on Numerical Simulation of RC Deep Beam Behavior in ABAQUS The Online Journal of Science and Technology - July 2018 Volume 8, Issue 3, ISSN 2146-7390
- Bogdanovic A., Mitrevski S., Kitanovski Lj., Rakicevic Z., (2018), The most complicated and complex structure that currently is building in the Republic of Macedonia, 2018, specialized magazine for construction, architecture and ecology in Macedonia – Porta 3.

(in Macedonia)

- Bogdanovic A., Rakicevic Z., Poposka A., (2018), Controlled of structure-present and future in the structural engineering, 2018, specialized magazine for construction, architecture and ecology in Macedonia – Porta 3. (in Macedonian)
- Bogdanovic A., Z. Rakicevic, E. Noroozinejad Farsangi,(2019) Shake table tests and numerical investigation of a resilient damping device for seismic response control of building structures, Journal of Structural Control and Health Monitoring, 25 August 2019 <https://doi.org/10.1002/stc.2443>
- Aleksandra B., Zoran R., (2019) Optimal damper placement using combined fitness function, Front. Built Environ., 31 January 2019 <https://doi.org/10.3389/fbuil.2019.00004>
- Manojlovski F., Poposka A., Soklarovski A., Rakicevic Z., Krstevska L., Bogdanovic A., (2019) Experimental shake table testing of Unipol Arena Bologna in IZIIS Skopje. (article based on archive IZIIS reports for specialized magazine for construction, architecture and ecology in Macedonia – Porta 3) (in Macedonian)
- Soklarovski A., Manojlovski F., Poposka A., Krstevska L., Rakicevic Z., Bogdanovic A., (2019) Experimental investigation and seismic assessment of 105 floor hotel Ryugyong in Pyongyang, North Korea. (article based on archive IZIIS reports for specialized magazine for construction, architecture and ecology in Macedonia – Porta 3). (in Macedonian)
- Poposka A., Manojlovski F., Soklarovski A., Krstevska L., Rakicevic Z., Bogdanovic A., (2019) Experimental verification of

comprehensive reversible techniques for seismic strengthening of cultural and historical monuments (article based on archive IZIS reports for specialized magazine for construction, architecture and ecology in Macedonia – Porta 3). (in Macedonian)

- Manojlovski F., Bogdanovic A., Rakicevic Z., Poposka A., Soklarovski A., Krstevska L., (2019) Collaboration in the field of development, implementation and behavior of passively controlled structures – experimental investigations in IZIS laboratory. (article based on archive IZIS reports for specialized magazine for construction, architecture and ecology in Macedonia – Porta 3). (in Macedonian)
- Rakicevic Z., Bogdanovic A., Gjorgjiev I., Jekic G., Petreski B., (2019), Scientific activities under SERA Project, 2019, specialized magazine for construction, architecture and ecology in Macedonia – Porta 3. (in Macedonian)
- Marija V., Bogdanovic A., Viktor H., (2020), Improvement of seismic characteristics on RC bridge structures using damper devices, 2020, specialized magazine for construction, architecture and ecology in Macedonia – Porta 3., Number 288 January 2020 (in Macedonian)
- Ersin Aydin, Baki Ozturk, Aleksandra Bogdanovic, Ehsan Noroozinejad Farsangi, Influence of soil-structure interaction (SSI) on optimal design of passive damping devices, Structures, Volume 28,2020, Pages 847-862, ISSN 2352-0124, <https://doi.org/10.1016/j.istruc.2020.09.028>
- Ehsan Noroozinejad Farsangi, Aleksandra Bogdanovic, Zoran Rakicevic, Angela Poposka and Marta Stojmanovska, Ambient Vibration Testing and Field Investigations of Two Historical Buildings in Europe, Structural Durability & Health Monitoring, Vol.14, No.4, 2020, pp.283-301, Tech Science Press DOI:10.32604/sdhm.2020.010564
- Deformable Polyurethane Joints and Fibre Grids for Resilient Seismic Performance of Reinforced Concrete Frames with Orthoblock Brick Infills Theodoros Rousakis, Alper Ilki, Arkadiusz Kwiecien , Alberto Viskovic , Matija Gams , Petra Triller , Bahman Ghiassi , Andrea Benedetti , Zoran Rakicevic , Camilla Colla , Omer Faruk Halici , Bogusław Zajac , Łukasz Hojdys , Piotr Krajewski , Fabio Rizzo , Vachan Vanian, Anastasios Sपालidis , Efthimia Papadoulis and Aleksandra Bogdanovic, Polymers 2020, 12, 2869; doi:10.3390/polym12122869
- A new approach in simulation of soil-structure interaction problems including damper effects, January 2020, International Journal of Earthquake and Impact Engineering (IJEIE), Vol. 3, No. 1, 2020, Kemal Edip; Aleksandra Bogdanovic; Marta Stojmanovska; Angela Poposka; Ehsan Noroozinejad Farsangi
- A Hybrid Seismic Isolation System Toward More Resilient Structures: Shaking Table Experiment and Fragility Analysis, Zoran Rakicevic, Aleksandra Bogdanovic, Ehsan Noroozinejad Farsangi, Abbas Sivandi-Pour, June 2021, Journal of Building Engineering 38:102194

DOI: [10.1016/j.jobbe.2021.102194](https://doi.org/10.1016/j.jobbe.2021.102194)

- Reliability-based analysis and design of structures and infrastructure, Ehsan Noroozinejad Farsangi, Mohammad Noori, Paolo Gardoni, Izuru Takewaki, Humberto Varum, Aleksandra Bogdanovic, CRC PRESS, 2021
- Shake Table Testing of Self-Centring Concentrically Braced Frames, Jamie Goggins, Yadong Jiang, Brian M. Broderick, Suhaib Salawdeh, Gerard J. O'Reilly, Ahmed Y. Elghazouli, Hatim Awahsh, Aleksandra Bogdanovic, Zoran Rakicevic, Igor Gjorgjiev, Angela Poposka, Borjan Petreski, Igor Markovski, September 2021, *ce/papers* 4(2-4):1949-1956, DOI: [10.1002/cepa.1508](https://doi.org/10.1002/cepa.1508)
- Shake Table Tests for Seismic Assessment of Non-structural Elements, 1st Croatian Conference on Earthquake Engineering March 2021, Aleksandra Bogdanovic, Robert Rimboeck, Angela Poposka, Filip Manojlovski, Antonio Shoklarovski, Igor Markovski, Nikola Naumovski, Dejan Filipovski DOI: [10.5592/CO/1CroCEE.2021.132](https://doi.org/10.5592/CO/1CroCEE.2021.132)
- IMPROVED SSI ANALYSIS BASED ON UHS TIME HISTORY SELECTION, 1st Croatian Conference on Earthquake Engineering, March 2021, DOI: [10.5592/CO/1CroCEE.2021.113](https://doi.org/10.5592/CO/1CroCEE.2021.113)
- PUFJ and FRPU earthquake protection of infills tested in resonance, 1st Croatian Conference on Earthquake Engineering, March 2021, Arkadiusz Kwiecień, Zoran Tomislav Rakicevic, Aleksandra Bogdanovic, Theodoros Rousakis, Alper Ilki, Matija Gams, Alberto Viskovic, Filip Manojlovski, Angela Poposka, Mr Antonio Soklarovski, Alberto Viskovic, 1st Croatian Conference on Earthquake Engineering, March 2021, doi.org/10.5592/CO/1CroCEE.2021.73
- Quick Reparation of Infills in RC Frames After Seismic Damages– Experimental Tests on Shaking Table, Theodoros Rousakis, Arkadiusz Kwiecień, Alberto Viskovic, Alper Ilki, Petra Tiller, Bahman Ghiassi, Andrea Benedetti, Matija Gams, Zoran Rakicevic, Omer Faruk Halici, Bogusław Zając, Łukasz Hojdys, Piotr Krajewski, Fabio Rizzo, Camilla Colla, Elena Gabrielli, Anastasios Sapalidis, Efthimia Papadoulis, Vachan Vani, Aleksandra Bogdanovic, 10th International Conference on FRP Composites in Civil Engineering: Proceedings of CICE 2020/2021 10, Springer International Publishing.
- Comparison of experimentally determined structural dynamic characteristics on a shake table tested model by different methods, Kwiecień, A.; Rakicevic, Z.; Chełmecki, J.; Bogdanovic, A.; Tekieli, M.; Gams, M.; Hojdys, Ł.; Krajewski, P.; Manojlovski, F.; Soklarovski, A.; Halici, O.F.; Sapalidis, A., 7th European Conference on Structural Control : EACS : book of abstracts and selected papers, 2022, Warsaw, Poland
- Seismic performance validation for RC building structures damaged by Durres earthquake, Mw6. 4, 26 November 2019, Albania, M Vitanova, A Bogdanovic, Z Bozinovski, K Edip, J Bojadjieva, E Delova, T Zafirov, *Bulletin of Earthquake Engineering*, 2022
- Rehabilitation of SDOF systems under air blast loading with a modified negative stiffness amplifying damper, KK Kiran, Ehsan Noroozinejad Farsangi, Vahidreza Gharehbaghi, Aleksandra Bogdanovic, *Journal of Building Pathology and Rehabilitation*, 2022
- Shake table testing of a physical model of a telecommunication tower, Angela Poposka, Zoran Rakicevic, Aleksandra Bogdanovic, Filip Manojlovski, Antonio Shoklarovski, *Bulletin of Earthquake Engineering*, 2023

- Quick Repair of Damaged Infill Walls with Externally Bonded FRPU Composites: Shake Table Tests, Łukasz Hojdys, Piotr Krajewski, Arkadiusz Kwiecień, Theodoros Rousakis, Vachan Vanian, Marcin Tekieli, Alberto Viskovic, Alper Ilki, Matija Gams, Zoran Rakicevic, Bogusław Zając, Aleksandra Bogdanovic, Volume 23, Journal of Composites for Construction, American Society of Civil Engineers, Volum 27, 2023

Chapters of books/books:

-
- Rakicevic, Z. Bogdanovic, A., Jurukovski, D. (2012) Structural and Behavior Constraints of Shaking Table Experiments, Geotechnical, Geological and Earthquake Engineering Volume 22, Role of Seismic Testing Facilities in Performance Based Earthquake Engineering, Editors Fardis MN and Rakicevic Z. DOI10.1007/978-94-007-1977-4, Springer, 43-63.
 - Aydin E., Noroozinejad Farsangi E., Öztürk B., Bogdanovic A., Dutkiewicz M. (2019) Improvement of Building Resilience by Viscous Dampers. In: Noroozinejad Farsangi E., Takewaki I., Yang T., Astaneh-Asl A., Gardoni P. (eds) Resilient Structures and Infrastructure. Springer , (Chapter 4/Part I), https://doi.org/10.1007/978-981-13-7446-3_4
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 - Reliability-Based Analysis and Design of Structures and Infrastructure ", published by CRC Press (Taylor & Francis), March 2021, Ehsan Noroozinejad Farsangi, Mohammad Noori, Paolo Gardoni, Izuru Takewaki, Aleksandra Bogdanovic
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