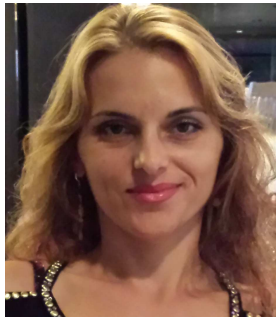




VARNA FREE UNIVERSITY
CHERNORIZETS HRABAR



FACULTY OF ARCHITECTURE
CONSTRUCTION OF BUILDINGS AND FACILITIES DEPARTMENT



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EDUCATION

- 2000 – 2004 – *bachelor of Construction of Buildings and Facilities* – Varna Free University
- 2004 – 2006 – *master of Construction of Buildings and Facilities* – Varna Free University
- 2011 – *PhD of scientific specialty 02.15.04 "Building constructions"* – Varna Free University, Faculty of Architecture

EXPERIENCE

- 2004 – 2009 – *assistant* – Varna Free University, Faculty of Architecture
- 2009 – 2010 – *senior assistant* – Varna Free University, Faculty of Architecture
- 2012 – *assoc. professor of professional direction 5.7. Architecture, Civil Engineering and Geodesy* – Varna Free University, Faculty of Architecture

RESEARCH

- Reinforced concrete structures
- Masonry structures
- Seismic engineering

PARTICIPATION IN PROJECTS:

- Participation in the development of National annex to BDS EN 1998-3:2005 "Assessment and retrofitting of buildings", 2009

CERTIFICATES, SPECIALIZATION, MOBILITIES

- 2004 – course of Eurocode 8
- 2005 – course of Eurocode 2

NUMBER OF PUBLICATIONS /REPORTS :10 /7

NUMBER OF CITATIONS : 0

PUBLICATIONS /2009-2013/:

- **Mihaleva, D.**, Border parameters and working diagram of brick masonry in uniaxial compression, Scientific almanac of VFU "Chernorizets Hrabar", series „Architecture and

construction”, Varna, 2010, pp. 90-102

• **Mihaleva, D.**, Pavlov, I., Ignatiev, N., *Criteria for regularity in plan in case of torsion*, International Scientific Conference „Civil Engineering Design and Construction and Application of Eurocodes”, Varna, 2010, pp. 192-200

• Pavlov, I., **Mihaleva, D.**, Ignatiev, N., *Capacity design of reinforced concrete frame structures*, International Scientific Conference „Civil Engineering Design and Construction and Application of Eurocodes”, Varna, 2010, pp. 223-232

• **Mihaleva, D.**, Pavlov, I., Ignatiev, N., *Shear capacity of external vertical FRP strips for strengthening of RC beams according BDS EN 1998-3:2005 and ACI 440.2R-08*, Scientific almanac of VFU “Chernorizets Hrabar”, series „Architecture and construction”, Varna, 2011, pp. 36-45

• Pavlov, I., **Mihaleva, D.**, Ignatiev, N., *Shear capacity of U-shaped vertical FRP strips for strengthening of RC beams according BDS EN 1998-3:2005 and ACI 440.2R-08*, Scientific almanac of VFU “Chernorizets Hrabar”, series „Architecture and construction”, Varna, 2011, pp. 46-56

• **Mihaleva, D.**, Pavlov, I., *Design of reinforced concrete frame joints for middle and high ductility classes*, 5th International Scientific Conference “Architecture, Civil Engineering – Modernity”, Varna, 2011, pp. 367-377

• Pavlov, I., **Mihaleva, D.**, Ignatiev, N., *Criteria for regularity in plan for set-backs or openings*, 5th International Scientific Conference “Architecture, Civil Engineering – Modernity”, Varna, 2011, pp. 378-384

• **Mihaleva, D.**, *Bearing capacity of one-bay reinforced concrete frame infilled with brick masonry during seismic actions*, International Scientific Conference „Civil Engineering Design and Construction”, Varna, 2012, pp. 516-522

• Pavlov, I., **Mihaleva, D.**, *Assessment of the seismic safety of reinforced concrete frame structure*, International Scientific Conference „Civil Engineering Design and Construction”, Varna, 2012, pp. 554-559

• **Mihaleva, D.**, *Effect of the connection between RC frame and masonry infill on the behavior of the system under seismic action*, 6th International Scientific Conference “Architecture, Civil Engineering – Modernity”, Proceedings II, Varna, 2013, pp. 131-136

CONFERENCE PRESENTATIONS /2009-2013/:

• **Mihaleva, D.**, Pavlov, I., Ignatiev, N., *Criteria for regularity in plan in case of torsion*, International Scientific Conference „Civil Engineering Design and Construction and Application of Eurocodes”, Varna, 2010

• Pavlov, I., **Mihaleva, D.**, Ignatiev, N., *Capacity design of reinforced concrete frame structures*, International Scientific Conference „Civil Engineering Design and Construction and Application of Eurocodes”, Varna, 2010

• **Mihaleva, D.**, Pavlov, I., *Design of reinforced concrete frame joints for middle and high ductility classes*, 5th International Scientific Conference “Architecture, Civil Engineering – Modernity”, Varna, 2011

• Pavlov, I., **Mihaleva, D.**, Ignatiev, N., *Criteria for regularity in plan for set-backs or openings*, 5th International Scientific Conference “Architecture, Civil Engineering – Modernity”, Varna, 2011

• **Mihaleva, D.**, *Bearing capacity of one-bay reinforced concrete frame infilled with brick masonry during seismic actions*, International Scientific Conference „Civil Engineering Design and Construction”, Varna, 2012

• Pavlov, I., **Mihaleva, D.**, *Assessment of the seismic safety of reinforced concrete frame*

structure, International Scientific Conference „Civil Engineering Design and Construction”, Varna, 2012

• **Mihaleva, D.**, *Effect of the connection between RC frame and masonry infill on the behavior of the system under seismic action*, 6th International Scientific Conference “Architecture, Civil Engineering – Modernity”, Varna, 2013

MONOGRAPHS, TEXTBOOKS, BOOKS CO-AUTHORED:

• Ignatiev, N., **Mihaleva, D.**, Pavlov, I., *Capacities of chord rotational angles of reinforced concrete elements with nonlinear behavior and ductility coefficients for National annex to BDS EN 1998-3:2005 “Assessment and retrofitting of buildings”*, BAS, Sofia, 2009

• Sotirov, P., Ignatiev, N., **Mihaleva, D.**, Pavlov, I., *Practical guide with worked examples for application of Eurocode 8-1 – Design of structures for earthquake resistance (New buildings)*, Chamber of Engineering of the Investment Design, Sofia, 2012

• Vaseva, E., Sotirov, P., Ignatiev, N., **Mihaleva, D.**, Pavlov, I., *Practical guide with worked examples for application of Eurocode 8-3 – Design of structures for earthquake resistance, Part 3 (Assessment and retrofitting of buildings)*, Chamber of Engineering of the Investment Design, Sofia, 2012