



VARNA FREE UNIVERSITY  
CHERNORIZETS HRABAR



FACULTY OF ARCHITECTURE  
CONSTRUCTION OF BUILDINGS AND FACILITIES DEPARTMENT



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**visiting hours:** Tuesday, Thursday – 10.00-12.00

***QUALIFICATION, WORK EXPERIENCE***

- 1981 – 1986 – *Diploma of Higher Education, Educational-and-qualification degree Master* – Technical University of Varna, major: *Chemical Machine Building*
- 1995г. – 2000 г.– *Diploma of Higher Education, Educational-and-qualification degree Bachelor* – University of Economics, Varna, major: *Accounting and Control*
- 2000г. – 2002г. - *PhD* – Technical University of Varna, research major: 02.19.08 – *Dynamics, Strength and Reliability of Machines*
- 2007г. – *Associated Professor* - VFU „Chernorizets Hrabar”, Faculty of Architecture, the Construction of Buildings and Facilities Department, research major: 02.01.38 – *Machines and Facilities for the Production of Building Materials and Reinforced Concrete*

***LANGUAGE COMPETENCE***

English, Russian

***AREAS OF SCIENTIFIC INTERESTS***

- Dynamics and strength of rotating drum furnaces.
- Fire safety of various kinds of productions.
- Modern methods for calculating strength, hardness and stability of building constructions.

***PROJECTS (AS A PARTICIPANT)***

- Energy efficiency

***SPECIALISATIONS, MOBILITY PROGRAMMES***

May 2002 - June 2002 – The Polytechnic University of Kassel, Germany;

April 2012 – May 2012 – Maltepe University – Istanbul – Turkey: “ Using solar energy as part of energy-efficient architecture”

**NUMBER OF PUBLICATIONS 31/6**

- Trizlova N., A. Kirov, “Some Specifics of the Safety and Fire Safety Techniques of “Kaltsinatsia” Workshop of Solovey – Sodi, Devnya, in the Production of Sodium Carbonate”, Almanach of science of VFU “Chernorizec Hrabar”, book 4, 2010, p. 114 – 117;
- Trizlova N., A. Kirov, “Problems in Securing Safe Working Conditions When Exploiting High Pressure and High Temperature Systems and Vessels”, Almanach of science of VFU “Chernorizec Hrabar”, book 4, 2010, p. 118 – 124;
- Trizlova N., A. Kirov, „Specifics of Fire Safety in Wine Production”, Almanach of science of VFU “Chernorizec Hrabar”, book 5, 2011, p. 29-35;
- Terziev S., N.Trizlova, A. Kirov, „Specifics of Fire Safety in Oil Production”, Almanach of science of VFU “Chernorizec Hrabar”, book 5, 2011, p. 24-28;
- Trizlova N., „Determining the Optimal Form of Sections under the Conditions of Bending and Pressure”, Sixth International Conference "Architecture, Construction - Modernity", Varna, July 8-10, 2011;
- Pejchev V., D.Dimitrov, N.Trizlova, A. Kirov, “Impact of Underground Waters on the Strength and Deformation Characteristics of Related Building Soils”, Sixth International Conference "Architecture, Construction - Modernity", Varna, July 8-10, 2011,08-416;
- Rusev D., P. Zlateva, A. Kirov, N. Trizlova, “Determination of thermal conductivity of insulating material Akterm”, Proceedings of the International Conference "Design and construction of buildings and facilities", 13 to 15 September 2012 p. 162-170;
- Rusev D., P. Zlateva, A. Kirov, N. Trizlova, D.Genov, “Analyze the performance of heat pump air to water in summer mode”, Proceedings of the International Scientific Conference "Design and construction of buildings and facilities," 13 to 15 September 2012 p.171-176;
- Trizlova N., “Defining the optimal form of sections in bending and pressure”, Proceedings of the International Conference "Design and construction of buildings and facilities", 13 to 15 September 2012;
- Rusev D, A. Kirov, P. Zlateva, N. Trizlova, D. Genov, Analysis of The Operation of Air-Water Heat Pump Unit in Winter Mode, Annual symposium of the institute of solid mechanics, Bukuresty, Romania, 2012;
- Trizlova N., “Influence of the wear of the tires, support rollers and the gear of rotary kilns on the work of the equipment”, Annual symposium of the institute of solid mechanics, Bukuresty, Romania, 2012;
- Trizlova N., G. Panicharov, “Dynamic of lanfslide processes during dynamic effects”, Fifth International Conference "Architecture, Construction – Modernity”, Varna, 2013
- Rusev D., P. Zlateva, A. Kirov, N. Trizlova, “Evaluation of the effectiveness of the interrupted heating mode of heat pump air to water”, Fifth International Conference "Architecture, Construction – Modernity”, Varna, 2013, p.398-402.