Stela Zhelezova

associate professor,
Institute of Mathematics and Informatics, Bulgarian Academy of Science

DETAILS

Adress	BULGARIA, VELIKO TARNOVO, P.O. BOX 323
Tel	+359 882 387222
Fax	+359 62623952
E-mail	stela@math.bas.bg, st_zhelezova@abv.bg

WORK HISTORY

• from - until	10.07.2015 –
• where	Institute of Mathematics and Informatics, Bulgarian Academy of Science
• as	associate professor

• from - until	09.07.2010 – 09.07.2015
• where	Institute of Mathematics and Informatics, Bulgarian Academy of Science
• as	assistant

• from - until	02.07.2007 – 09.07.2010
• where	Institute of Mathematics and Informatics, Bulgarian Academy of Science
• as	programmer

• from - until	01.09.1995 – 31.12.2005
• where	High School "Vicho Grancharov", Gorna Oryahovitsa
• as	system administrator

EDUCATION

• from - until	25.06 – 27.06.2024 Current status and prospects of quantum communications
• organization	Center of competence Quasar
• topics	Theoretical and practical aspects of quantum communications

• from - until	17.05 – 21.05.2021 Data Analysis with R
• organization	Center for Education, Bulgarian Academy of Sciences
• topics	Complex data structures, function calling, advanced graphics capabilities, probability distributions, statistical data processing

• from - until	26.06 – 30.06.2017 Summer School on Finite Geometry
• organization	University of Sussex, Brighton, UK
• topics	Results, conjectures, combinatorial applications and computational methods in Finite Geometry

• from - until	30.06 - 05.07.2013 Summer school on Design and Security of Cryptographic Functions, Algorithms and Devices
• organization	COSIC, KU Leuven; Incidence Geometry Group, UGent; ETRO, VUB; IMI, BAS
• topics	Boolean functions, Hash functions, Differential and linear cryptanalysis, Implementation attacks, White-box cryptography, Security of embedded systems

• from - until	13.10 - 16.10.2014
• organization	COST Action IC1306: Cryptography for Secure Digital Interaction
• topics	CryptoAction School on Cryptographic Attacks - Exploiting poor randomness, Vulnerabilities in TLS, Advances in discrete logarithm computations, Side-channel attacks against embedded cryptographic devices.

• from - until	30.06 - 05.07.2013 Summer school on Design and Security of Cryptographic Functions, Algorithms and Devices
• organization	COSIC, KU Leuven; Incidence Geometry Group, UGent; ETRO, VUB; IMI, BAS
• topics	Boolean functions, Hash functions, Differential and linear cryptanalysis, Implementation attacks, White-box cryptography, Security of embedded systems

• from - until	03.06 - 06.06.2013 International Course on Cyber Security and Cryptography
• organization	COSIC research group, KU Leuven
• topics	Block ciphers and stream ciphers, Computer security, eGovernment, Wireless security

	2011, 2018, 2021
• organization	Institute of Information and Communication Technologies, BAS
• topics	Work with MPI. High performance computing

• from - until	01.01.2006 – 31.12.2009
• organization	Institute of Mathematics and Informatics, Bulgarian Academy of Science
• topics	PhD thesis " **A method for classification of doubly resolvable designs and its application**"

• from - until	10.09 – 17.09.2009 "Algebraic Structures and their Applications in Coding theory and Cryptography", Ohrid, Macedonia
• organization	DAAD-Program "Akademischer Neuaufbau Sudosteuropa", проект "Center of Exellence for Applications of Mathematics"
• topics	Видове алгебрични структури и техните свойства, Латински квадрати, Основи на криптографията, Криптографски примитиви

• from - until	11.06 – 23.06.2005г. "Coding Theory", ИМИ, София, България
• organization	DAAD-Program "Akademischer Neuaufbau Sudosteuropa", проект "Center of Exellence for Applications of Mathematics"
• topics	Main problems of Coding theory. Linear codes. Coding and Decoding methods
•	№038863, 2004 г.
• organization	Technical University - Varna
• qualification	Informatics – master degree