

Stela Zhelezova

assistant professor,

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DETAILS

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WORK HISTORY

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

- | | |
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| • 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 |

<ul style="list-style-type: none"> • from - until • organization • topics 	<p>13.10 - 16.10.2014</p> <p>COST Action IC1306: Cryptography for Secure Digital Interaction</p> <p>CryptoAction School on Cryptographic Attacks - Exploiting poor randomness, Vulnerabilities in TLS, Advances in discrete logarithm computations, Side-channel attacks against embedded cryptographic devices.</p>
<ul style="list-style-type: none"> • from - until • organization • topics 	<p>30.06 - 05.07.2013 Summer school on Design and Security of Cryptographic Functions, Algorithms and Devices</p> <p>COSIC, KU Leuven; Incidence Geometry Group, UGent; ETRO, VUB; IMI, BAS</p> <p>Boolean functions, Hash functions, Differential and linear cryptanalysis, Implementation attacks, White-box cryptography, Security of embedded systems</p>
<ul style="list-style-type: none"> • from - until • organization • topics 	<p>03.06 - 06.06.2013 International Course on Cyber Security and Cryptography</p> <p>COSIC research group, KU Leuven</p> <p>Block ciphers and stream ciphers, Computer security, eGovernment, Wireless security</p>
<ul style="list-style-type: none"> • organization • topics 	<p>2011, 2018, 2021</p> <p>Institute of Information and Communication Technologies, BAS</p> <p>Work with MPI. High performance computing</p>
<ul style="list-style-type: none"> • from - until • organization • topics 	<p>01.01.2006 – 31.12.2009</p> <p>Institute of Mathematics and Informatics, Bulgarian Academy of Science</p> <p>PhD thesis “A method for classification of doubly resolvable designs and its application”</p>
<ul style="list-style-type: none"> • from - until • organization • topics 	<p>10.09 – 17.09.2009 “Algebraic Structures and their Applications in Coding theory and Cryptography”, Ohrid, Macedonia</p> <p>DAAD-Program “Akademischer Neuaufbau Sudosteuropa”, проект “Center of Excellence for Applications of Mathematics”</p> <p>Видове алгебрични структури и техните свойства, Латински квадрати, Основи на криптографията, Криптографски примитиви</p>
<ul style="list-style-type: none"> • from - until • organization • topics 	<p>11.06 – 23.06.2005г. “Coding Theory”, ИМИ, София, България</p> <p>DAAD-Program “Akademischer Neuaufbau Sudosteuropa”, проект “Center of Excellence for Applications of Mathematics”</p> <p>Main problems of Coding theory. Linear codes. Coding and Decoding methods</p>
<ul style="list-style-type: none"> • organization • qualification 	<p>№038863, 2004 г.</p> <p>Technical University - Varna</p> <p>Informatics – master degree</p>