14th Annual International Conference

on

Computer Science and

Education in Computer Science

2018 Conference Schedule

June 29th – June 30th

Location: 808 Commonwealth Ave, Room 109, Boston, MA, USA

Remote access via Zoom: https://zoom.us/j/546814982 *(see pg. 5)*

Thursday, June 28

2:00 to 5:00 p.m.	*Registration & Housing Information* *Location: 808 Commonwealth Avenue, Room 250*

Friday, June 29

9:00 a.m.	*Breakfast & Registration* *Location: 808 Commonwealth Avenue, Room 109*
9:30 a.m.	**Opening Address by Anatoly Temkin, Chair, Boston University Metropolitan College Department of Computer Science**
9:50 a.m.	**In Memoriam: Rumen Stainov--scientist, teacher, friend**
10:00 a.m.	**Title**: On Sperner's Theorem for Modules over Finite Chain Rings **Presenter:** Ivan Landjev, New Bulgarian University
10:15 a.m.	**Title**: Teaching Ellipse with CAS **Presenter:** Petya Asenova, New Bulgarian University (Online)
10:30 a.m.	**Title**: Foreign Direct Investment Net Inflows: Data-Driven Analysis **Presenter:** Dimitar Trajanov, Ss. Cyril and Methodius University, Macedonia (Online)
10:50 a.m.	*Short Break*
11:10 a.m.	**Title**: Software System Aesthetics and Readability Metrics **Presenter:** Latchezar Tomov, New Bulgarian University (Online)
11:30 a.m.	**Title**: Aesthetic Metrics and the Evolution of C Language Family **Presenter:** Latchezar Tomov, New Bulgarian University (Online)
11:50 a.m.	**Title**: Real-Time Comparison of Movement in Bulgarian Folk Dances **Presenter:** Zlatka Uzunova, New Bulgarian University (Online)

12:10 p.m.	*Lunch Break*
1:10 p.m.	**Welcome Address by Tanya Zlateva, Dean, Boston University Metropolitan College**
1:30 p.m.	**Title**: Simulation and Evaluation of Scenarios in a Gas Station Using Simul8 Software **Presenter:** Denis Ramos de Oliveira, Universidade Federal de Viçosa
1:50 p.m.	**Title**: Geographically Weighted Regression in the Analysis of the Development of Information and Communication Technology in Indonesia **Presenter:** Dwi Puspita Sari, Boston University
2:10 p.m.	**Title**: Case Study: Power BI Visualizations Applied to Digital Publisher's Advertising Inventory **Presenter:** Joseph Chomski, Boston University
2:30 p.m.	**Title**: An Online Platform for Study of Effects of Violence and Traumatic Events **Presenter:** Guanglan Zhang, Boston University
2:50 p.m.	*Afternoon Break*
3:10 p.m.	**Title**: Striking the Balance: Teaching Data Mining with the Right Mixture of Depth and Breadth **Presenters:** Slav Angelov, Penko Ivanov, New Bulgarian University; Greg Page, Vladi Zlatev, Boston University
3:30 p.m.	**Title**: A Framework for Modeling in Scale: an Introduction **Presenter:** Eric Braude, Boston University
3:50 p.m.	**Title**: The Nonexistance of Linear Codes with Parameters **Presenter:** Assia Rousseva, Sofia University
4:10 p.m.	**Title**: Introducing Fundamental Agile Concepts in Project Management and Software Development Courses **Presenter:** Vijay Kanabar, Boston University
4:30 p.m.	**Title**: Smart Class Assignments for Data and Computer Science Online Education **Presenter:** Kia Teymourain, Boston University
4:50 p.m.	*End of Day 1*

Saturday, June 30, 2018

9:00 a.m.	*Breakfast* *Location: 808 Commonwealth Avenue, Room 109*
9:30 a.m.	**Title**: Blockchain Solution for Annual Evaluation in Bulgarian Schools **Presenter:** Delyan Keremedchiev, New Bulgarian University (Online)
9:50 a.m.	**Title**: Test Design Process Improvement by Six Sigma (Dmaic) and R **Presenter:** Dobromir Dinev, New Bulgarian University (Online)
10:10 a.m.	**Title**: Introduction of Bell-Lancaster Method and Learning by Doing into the Practical Curriculum at Undergraduate and Graduate Levels **Presenter:** Valentina Ivanova, New Bulgarian University (Online)
10:30 a.m.	**Title**: Representative Sample as a LP Problem **Presenter:** Dimitar Atanasov, New Bulgarian University (Online)
10:50 a.m.	*Short Break*
11:10 a.m.	**Title**: Generation of Virtual Annotated Corpora **Presenter:** Mariyana Raykova, New Bulgarian University (Online)
11:30 a.m.	**Title**: How to Improve Teaching in Discrete Mathematics Via Programming **Presenter:** Mariyana Raykova, New Bulgarian University (Online)
11:50 a.m.	**Title**: Early Detection Of Forest Fires - Standard Interfaces and Protocols at Sensor Network and Cloud Level Definition **Presenter:** Katerina Zlatanovska, Ministry of Defense, Macedonia (Online)
12:10 p.m.	*Lunch Break*
1:10 p.m.	**Title**: Don't be afraid to commit **Presenter:** Andrew Wolfe, Boston University (Online)

1:30 p.m.	**Title**: Seeing the Staircase: Reflections on a First Semester Teaching Data Mining to Business Students **Presenter:** Greg Page, Boston University
1:50 p.m.	**Title**: Teaching Data Mining Techniques to Applied Business Analytics Students with the Help of Interactive Hands-on Tutorials **Presenter:** Penko Ivanov, New Bulgarian University
2:10 p.m.	**Title**: Data Analytics for Devops Effectiveness **Presenter:** Penko Ivanov, New Bulgarian University
2:30 p.m.	**Title**: IOT and Sensor-to-Cloud Implementation Architectures **Presenter:** Rossitza Goleva, New Bulgarian University, Bulgaria
2:50 p.m.	*Afternoon Break*
3:10 p.m.	**Title**: LoRa Sensors Implementation in Forest Fire Detection **Presenter:** Rossitza Goleva, New Bulgarian University, Bulgaria
3:30 p.m.	**Title**: An Online Platform For Project-Based Learning: A Proposal **Presenter:** Yuting Zhang, Boston University
3:50 p.m.	Panel Discussions
4:50 p.m.	*End of Conference*

Remote Access Details:

Meeting URL for Friday June 29th & Saturday June 30th: https://zoom.us/j/546814982

Overview of Zoom control panel:

http://www.bu.edu/metit/files/2017/07/Zoom_In_Meeting_Options.png

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https://support.zoom.us/hc/en-us/articles/115002262083-How-Do-I-Test-Prior-to-Joining-a-Meeting-

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