

Conference Program

1st Day

Thursday, June 13, 2019 Workshop - 1 Chairs: Orhan Curaoğlu & Mustafa Coşkun			
Time	Author(s)	Title	Room
13:45 – 15:15	<u>Cody Buye</u>	Using Texas Instruments' technologies to engage in the International Baccalaureate® (IB) curriculum	E-202

Thursday, June 13, 2019 Workshop - 2 Chairs: Mustafa Hilmi Çolakoğlu & Kemal Togayev			
Time	Author(s)	Title	Room
13:45 – 15:15	Zulfu Genc, <u>Dmytro Kondratenko</u> , Ignat Khliebnikov	STEM in Action: STEM Learning through Robotics	E-203

Thursday, June 13, 2019 Workshop - 3 Chairs: Ismail Dönmez & Hande Tölöv			
Time	Author(s)	Title	Room
15:30 – 17:00	<u>Cathy Baars</u>	Forensic science (by using Texas Instruments' technologies)	E-202

Thursday, June 13, 2019 Workshop - 4 Chairs: Cody Buye & Tuba Kocabiyik			
Time	Author(s)	Title	Room
15:30 – 17:00	Tonguc Ozdas <u>Ugur Mert</u> Yunus Emre Dogan	New Generation of Data Collection Tools - TI Innovators Hub and TI Rover	E-203

1st Day

Thursday, June 13, 2019

17:00 – 19:00

STEM Show Time / Playground

Chairs: Mustafa Hilmi Çolakoğlu, Özlem Kalkan, Tuğba Ecevit

Time	Author(s)	Title	Location
1	<u>Shakhmaran Seilov</u> Askar Nauryzbaev Dias Abildinov Aishabibi Zhursinbek Akniet Nurzhaubaev	Desktop network simulator “IT-alem” – experience of using the simulator in the process of teaching ICT	Ground Floor & Garden
2	<u>Arash Salimi Kia</u>	Understanding Quantum Phenomena by Simple Quantum Eraser Experiment	
3	<u>Toni Chehlarova</u> <u>Ivaylo Korteov</u> Albena Vassileva	Preparation of mathematics teachers for gifted students	
4	<u>Nuray Özmen</u> Seher İnce	Cooking STEAM	
5	<u>George Gachev</u>	Interactive algebra tutorial	
6	<u>Toni Chehlarova</u>	Diversity of PD courses and resources of IMI-BAS	
7	<u>Albena Vassileva</u>	“Students’ Institute of Mathematics and Informatics” and “Teachers Professional Development”	
8	<u>Sona Hacılı</u> Sevinc Nazarova Yegane Ramazanova	STEM Education in Azerbaijan	

2nd Day

Friday, June 14, 2019

Plenary Session - 4

Chair: Joyce Peters-Dasdemir & Zulfu Genc

Time	Author(s)	Title	Room
09:00 – 10:00	<u>Rıdvan Elmas</u>	Exploring the Reciprocal Relationship between Turkish Elementary Science Curriculum and STEM Education	E-202
	<u>Sümevra Hallaç</u> <u>Feral Ogan-Bekiroğlu</u>	Development of a Scale to Measure Attitude Towards STEAM Education	
	<u>Merve Kostur</u> <u>Cigdem Haser</u>	Pre-Service Mathematics Teachers' Rationales for Selecting Certain Technologies: Planning and Design	

Friday, June 14, 2019

Plenary Session – 5

Chair: Hülya Gür & Tuğba Ecevit

Time	Author(s)	Title	Room
09:00 – 10:00	<u>Hülya Gür</u>	Evaluation of Content Analysis of STEM Education	E-203
	<u>Koray Kasapoglu</u> <u>Bulent Aydogdu</u> <u>Nil Duban</u>	Comparing Metaphorical Perceptions of Elementary School Teachers and Science Teachers about the STEM Approach to Education	
	<u>Hakkı İlker Kostur</u> <u>Hasan Ozcan</u>	STEAM-Boats: A Material Design Activity	
	<u>Nazli Baris</u>	Investigating Science and Maths Teachers' STEM Education Practices at Science and Art Centers	

2nd Day

Friday, June 14, 2019

Plenary Session – 6

Chair: Ian Galloway & Murat Akarsu

Time	Author(s)	Title	Room
10:30 – 11:30	<u>Enrique Martín Santolaya</u> Evita Tasiopoulou Agueda Gras- Velazquez Jelena Milenkovic	Online Tools and Inquiry Based Learning for Teacher Training Institutions	E-201
	<u>Jesús López de Leyva</u> Santiago Albesa Benavente	Managing Documentation in a world overloaded with information	
	<u>Martin Lindner</u> Lukas Hursie Jolina Ulbricht	Long-term effects of Science Summer Camps	

Friday, June 14, 2019

Plenary Session – 7

Chair: Loreta Statauskiene & Ramadan Aliti

Time	Author(s)	Title	Room
11:45 – 12:45	<u>Chris Wenzel</u> Martin Lindner	Aquaponic as an example of successful STEM education	E-202
	<u>Seyda Bas</u> Betul Iscan	ELT methods as a means for STEM education	
	<u>Meryem Demir Guldal</u> Funda Savaci Acikalın	Girls in STEM: A Perspective of female students at the vocational school of technical science in Turkey	

Friday, June 14, 2019

Plenary Session - 8

Chair: Rimas Stankevicius & Hakkı İlker Kostur

Time	Author(s)	Title	Room
11:45 – 12:45	<u>Fatma Caner</u> Feral Ogan-Bekiroglu	Examination of Pre-Service Physics Teachers' STEM Lesson Plans During Their STEM Integration Attempts	E-203
	<u>Hakkı İlker Kostur</u> Hasan Ozcan	Investigating Pre-Service Preschool Teachers' Opinions About Visiting Science Centers in Preschool Education	
	<u>Kader Bilican</u>	Early Childhood Teachers' Understanding of STEM Pedagogy	
	<u>Orhan Curaoglu</u>	Challenges of Using Block-Based Tools in Coding Education	

2nd Day

Friday, June 14, 2019

Workshop - 5

Chair: Cathy Baars & Arash Salimi Kia

Time	Author(s)	Title	Room
13:30 – 15:00	<u>Ian Galloway</u>	Frictional Forces and Car Tyres: Clearing up Misconceptions (by using Texas Instruments' technologies)	E-202

Friday, June 14, 2019

Workshop - 6

Chair: Ridvan Elmas

Time	Author(s)	Title	Room
13:30 – 15:00	<u>Murat Akarsu</u> Nilüfer Okur Akcay Mehmet Fatih Ocal, Seda Okumuş	A STEM Activity: Lighting Room Design with Mirrors	E-203

Friday, June 14, 2019

Workshop - 7

Chair: Metin Kapıdere & Süleyman Seren

Time	Author(s)	Title	Room
13:30 – 15:00	<u>Ahmad Housseini</u> Samih Jaber Mahdi Mansour	Robotics for Mathematics Teacher	E-201

2nd Day

Friday, June 14, 2019

Workshop - 8

Chair: Hande Tölvü & Fatma Caner

Time	Author(s)	Title	Room
15:30 – 17:00	<u>Cody Buye</u>	Using Texas Instruments' technologies to engage in the International Baccalaureate® (IB) curriculum	E-202
15:30 – 17:00	<u>Arash Salimi Kia</u>	Understanding Quantum Phenomena by Simple Quantum Eraser Experiment	E-301

Friday, June 14, 2019

Workshop - 9

Chair: Hakkı İlker Koştur & Tuğba Ecevit

Time	Author(s)	Title	Room
15:30 – 17:00	<u>Rawda Eideh</u>	How to prepare a STEM activity? Ready to use tool for promoting thinking skills	E-203