

4th



World Conference on
Science & Mathematics Education

SCIMATH-2019

Program Book



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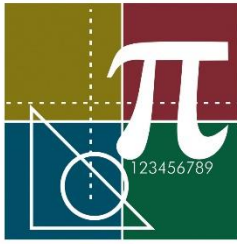
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Grand Park Lara Convention Center

Lara – Antalya, Turkey

February 28 – 02 March 2019

www.sci-math.org



World Conference on
Science & Mathematics Education

**4th WORLD CONFERENCE ON SCIENCE AND MATHEMATICS
EDUCATION**

Grand Park Lara Convention Center

Lara – Antalya, Turkey

February 28 – 02 March 2019

(SCI-MATH 2019)

PROGRAM BOOK

DRAFT PROGRAM

IMPORTANT EVENTS

28 February - 01 March 2019	
08:30 – 17:00	Registration

28.02.2019 09:30 – 10:00	Opening Ceremony	Hall 1
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TIME	TITLE	SPEAKER	HALL NAME
28.02.2019 10:00 – 11:00 Keynote 1	“Digital Transformation”	Prof. Dr. Asaf Varol Chair of Department of Software Engineering, College of Technology, Firat University (Turkey)	1

11:00 – 11:20	Coffee Break
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TIME	TITLE	SPEAKER	HALL NAME
28.02.2019 11:20 – 12:30 Keynote 2	“Physical Aspects and Nanoscale Characterization of Successive Transformations in Shape Memory Alloys”	Prof. Dr. Osman Adigüzel Department of Physics, Firat University, Turkey	1

12:30 – 14:00	Lunch Break
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TIME	TITLE	SPEAKER	HALL NAME
28.02.2019 14:00 – 14:40 Keynote 3	“Mathematics and Art: A View from the Perspective of Mathematics Education to Mathematics Education”	Prof. Dr. Ahmet Kaçar Kastamonu Universtiy, Turkey	1

TIME	TITLE	SPEAKER	HALL NAME
01.03.2019 09:00 – 10:00 Keynote 4	-----	Professor Joaquim Jorge Department of Informatic, University of Lisbon Editor-in-Chief, Computers & Graphics (Indexed in SCI)	1

01.03.2019 15:40 – 16:00	Closing Ceremony
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02.03.2019 09:00 – 18:00	DÜDEN WATERFALLS, PERGE and ASPENDOS ANTIC CITIES, KURŞUNLU WATERFALLS AND OLD CITY (Antalya)
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28/02/2019, Thursday

07:00 – 09:00	Zephyranthes Main Restaurant Open Buffet Breakfast
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28.02.2019 09:30 – 10:00	Opening Ceremony	Hall 1
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12:30 – 14:00	Zephyranthes Main Restaurant, Open Buffet Lunch Break
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28.02.2019 14:00 – 14:40 Keynote 3	“Mathematics and Art: A View from the Perspective of Mathematics Education to Mathematics Education”	Prof. Dr. Ahmet Kaçar Kastamonu Universitii, Turkey	1

Session 1 14:45 – 16:15

Hall 1, SCI-MATH

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Practice Examples and Student Views on Learning Scientific Process Engines Integrated by Traditional Turkish Arts and Street Games in Primary School	Seval Orak, Ersin Karademir, Gonca Köse, Turkey
2	Art, Traditional, Game, Turkish World, Student Views, Multidisciplinary, Scientific Process Skills	Seval Orak, <i>Atasehir Yonder College</i> , Turkey
3	The use of Factorization to Efficiently Teach Quadratic Equations & Expressions to University, Polytechnic & College Students	Anthony Anya Okeke, <i>Federal University Gashua</i> , Nigeria
4	The Game of Proof in an Introduction to Proofs Course	Joyati Debnath, <i>Winona State University</i> , United States

Hall 2, GC-MAS

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Investigating sintering parameters of dense and non-porous hydroxyapatite ceramics	Galip Sarper Koçlar, <i>Moscow State University</i> , Russian Federation
2	Material Characterization Analysis and Effects of Temperature on Microstructure with Respect to Their Mechanical Properties	Muhammad Bilal, Pakistan
3	Analysis of physical and mechanical properties of concrete containing recycled aggregate for the enhance of these aggregates	Goufi Nourredine, Algeria
4	Determination du volume de la pâte en excès par le biais de la dimension fractale	Soumia Kheira Sebsadji, <i>University of Sciences and Technology Mohamed BOUDIAF</i> , Algeria

Hall 3, COMENG

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Using New Techniques in Teaching English Grammar In Iraq	Bushra Saadon Alnoori, <i>Baghdad University, Iraq</i>
2	Contribution to PI Control Speed of a Doubly Fed Induction Motor	Zerzouri Nora, <i>University Badji Mokhtar Annaba, Algeria</i>
3	Graph Clustering Based Size Varying Rules for Lifelong Topic Modeling	Muhammad Taimoor Khan, <i>Bahria University, Pakistan</i>
4	Engineering and Teaching: What is the difference?	Hatice Ferhan Odabaşı, <i>Anadolu University, Turkey</i>

16:15 – 16:35	Coffee Break
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Session 2 16:35 – 18:00

Hall 1, SCI-MATH

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Critical Reflection in Teaching and Learning Mathematics towards Perspective Transformation: Practices in Public and Private Schools	Arturo Tobias Calizon, Jr., <i>University of Perpetual Help System Dalta-Las Pinas, Philippines</i>
2	Efforts to improve Self-Efficacy in Mathematics Learning through Discovery Learning	Ade Nandang Mustafa, <i>Beijing Normal University, Indonesia</i>
3	Science Teaching Efficacy, Attitude and Challenges in Doing Action Research	Myla Dela Cruz German, Rebecca Corpuz Nueva España, <i>Malabon National High School Faculty, Philippines</i>
4	The Impact of CLIL Implementation on Lebanese Students' Attitudes and Performance	Badrie Mohammad Nour Eldou, Abir Abdallah, <i>The Lebanese University, Lebanon</i>

Hall 2, GC-MAS

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Application of Fractal analysis for formulating Self-Compacting Concrete (SCC)	Soumia Kheira Sebsadji, <i>Algeria</i>
2	Parameters influencing the initiation of corrosion cracking in reinforced concrete (RC)	Soumia Kheira Sebsadji, <i>Algeria</i>
3	Electrodeposition of Zinc Oxide on Carbon Nanotubes for Energy Storage Device	Mahmoudi Ourida, Nabti Zineb, Bordjiba Tarik, Allele Asma, Salmi Ouahida, Lemzadmi Ahcene, <i>Algeria</i>
4	An EBSD examination of microstructure and microtextured evolution of hot deformed and annealed WE54 alloy	Hiba Azzeddine, Samia Tighiouaret, Djamel Bradai, <i>University of Mohamed Boudiaf, Algeria</i>

Hall 3, COMENG

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	A live comparison between unity and unreal game engines	Ramiz Musallam Salama, Mohamed ElSayed, <i>Near East University, Cyprus</i>
2	Learning programming languages by using e-learning technology	Ramiz Musallam Salama, Mohamed ElSayed, Muhammed Abu Shadi, <i>Near East University, Cyprus</i>
3	An advanced Dissemination Emergency Message Scheme Based on Vehicles Speed and Traffic Densities	Mustafa Banikhalaf, <i>Yarmouk University, Jordan</i>
4	Is Efficiency of Solar Photovoltaic Panels Improved by Using A Chemical Solution?	Hamed M. Suliman, <i>Ankara Yildirim Beyazit University, Turkey</i>

DINNER

19:00 – 21:00	Dinner Zephyranthes Main Restaurant, Open Buffet
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NETWORKING

21:00 – 24:00	Grande Lobby Bar From 10.00 to 24.00 drinks are free of charge within the concept.
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01/03/2019, Friday

07:00 – 09:00	Zephyranthes Main Restaurant Open Buffet Breakfast
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TIME	TITLE	SPEAKER	HALL NAME
01.03.2019 09:00 – 10:00 Keynote 4		Professor Joaquim Jorge Department of Informatic, University of Lisbon Editor-in-Chief, Computers & Graphics (Indexed in SCI)	1

Session 3
10:00 – 11:20

Hall 1, SCI-MATH

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Impact of Mathematics Teachers on 10th Grade Students' Understanding of Polynomial Concepts: in case of some schools in Addis Ababa City Administration	Anteneh Tefera Abuye, Ethiopia
2	Computer Competency of Mathematics Teachers in Saudi Secondary Schools	Nourah Alhadareti, <i>University of East Anglia</i>
3	Is this risky? Accessing digital literacy level among young adults in TRCN	Muhammad Bello Nawaila, Sezer Kanbul, <i>Near East University, Cyprus</i>
4	Strengthening of Higher Education System through Strategic Educational Assessment (SEA) Process for Sustainable Development	Vijayan Gurumurthy Iyer, <i>KLEF Deed University Guntur District, India</i>
5	Design Based Contextually Relevant STEM Curriculum	Tasneem Anwar, <i>The Aga Khan University, Pakistan</i>

Hall 2, GC-MAS

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Highlight the reactivity of 52S4F, synthesised by fusion route, by solid state NMR	Fatima-Zohra Mezahi, Anita Lucas- Giro, Hassane Oudadesse, Abdelhamid Harabi, <i>Mohamed Boudiaf University-M'sila, Algeria</i>
2	Fabrication and characterizations of pure and doped Zinc Oxide thin films	Zeineddine Ouili, Hayette Alliouche, Boubekeur Boudine, Ouahiba Halimi, Miloud Sebais, Algeria
3	Crystallographic and spectroscopic characterization of ethyl 2-cyano-2-(1,3-dithian-2-ylidene) acetate	Ali Boudjada, Algeria
4	Nanosize TiO ₂ fabrication and characterization	Hayette Alliouche, Algeria
5	Fabrication and characterization of pure and doped ZnO thin films	Boubekeur Boudine, Algeria

Hall 3, COMENG

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Computer engineering	Erna Maaoui, Tunisia
2	Optimizing distance measure between phrase F0 contours on the basis of perception tests of human listeners	Gailius Raškinis, <i>Vytautas Magnus University, Lithuania</i>
3	Data Hiding in BMP Images Using Steganography and Cryptography	Khdega A.Yosef Galala, <i>Al Jufrah University, Libya</i>
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11:20 – 11:40	Coffee Break
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Session 4 11:40 – 13:00

Hall 1, SCI-MATH

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Solving inequalities over the field of complex numbers	Aslanbek Naziev, <i>Ryazan State University</i> , Russian Federation
2	Dahiler CEO'larla Buluşuyor	Gökhan Aldemir, Turkey
3	Bilimin Doğası Öğretiminde Tarihsel Yaklaşım: Dijital Öyküleme Yöntemiyle Hazırlanan Etkileşimli Kısa Tarihsel Hikâyeler	Serkan Buldur, Ferhat Omran Toprak, <i>Sivas Cumhuriyet University</i> , Turkey
4	Biçimlendirici Değerlendirme Etkinlikleriyle Zenginleştirilmiş Etkileşimli Kısa Tarihsel Hikâyelerin Öğrencilerin Bilimsel Bilginin Doğası Anlayışlarına Etkisi	Übeyit Bakan, Serkan Buldur, Turkey
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6		

Hall 2, GC-MAS

ORDER	TITLE	AUTHOR, AFFILIATION and COUNTRY
1	Synthesis and characteristics properties of inorganic / organic Nanocomposites	Ouahiba Halimi, Algeria
2	Synthesis, characterization and semiconducting behavior of a novel functional material	Nour El Houda Belkafouf, Algeria
3	Behavior dislocation close to the grain boundaries modeling in anisotropic linear elasticity theory: Temperature Effect on image force in HCP materials	Ayadi Aicha, Liani Nassira, <i>University of Mantouri Constantine</i> , Algeria
4	Antipilling Effect of Polymer Affinities on Different Fabrics	Burcu Büyükkoru, Ali Kara, Turkey
5	Study of the adsorption of copper on Al ₁₃ polycation grafting of orange wastes activated carbon	Marsa Zoubida, Ramdane Nassima, Bouchelta Chafia, Medjram Mohamed Salah, Algeria
6	Carbon Fiber Enzyme Electrodes Fabricated by Invertaz And Polyphenol Oxidase Enzymes	Gözde Karabacak, Ayşe Elif Büyükbayram, <i>Karabük University</i> , Turkey

01.03.2019 13:00 – 13:20	Closing Ceremony
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12:30 – 14:00	Zephyranthes Main Restaurant, Open Buffet Lunch Break
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DINNER

19:00 – 21:00	Dinner Zephyranthes Main Restaurant, Open Buffet
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NETWORKING

21:00 – 24:00	Grande Lobby Bar From 10.00 to 24.00 drinks are free of charge within the concept.
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02/03/2019, Saturday

07:00 – 09:00	Zephyranthes Main Restaurant Open Buffet Breakfast
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02.03.2019 09:00 – 18:00	DÜDEN WATERFALLS, PERGE and ASPENDOS ANTIC CITIES, KURŞUNLU WATERFALLS AND OLD CITY (Antalya)
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