

4th



World Conference on Science & Mathematics Education



SCIMATH-2019

Program Book



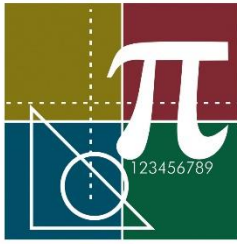
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**Grand Park Lara Convention Center
Lara – Antalya, Turkey
February 28 – 02 March 2019**

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)

DRAFT PROGRAM

Dear Participants

Thank you very much for you to participate the **4th WORLD CONFERENCE ON SCIENCE AND MATHEMATICS EDUCATION (SCI-MATH 2019)** which will be held in **Grand Park Lara Convention Center Lara – Antalya in Turkey** at February 28 – 02 March 2019.

The **SCI-MATH 2019 Draft Program** is published in our conference web site:
http://www.globalcenter.info/sci-math/?page_id=29

If your presentation is not available in the draft program, or you may withdraw your paper, please send the name of your article and its authors' names and ID number to scimath.info@gmail.com until **25 February 2019, at 24:00 GMT+2**. Your paper will take or out place in the program in a short time.

Even if you have not submitted your full paper until now, you have still chance to take place in the conference program. Please send us an email stating your paper title for the conference program and also if it is ready attach last version of the full paper until 25 February 2019.

Full Paper Publication

- You may publish your article on a journal indexed by **Scopus** or **Web of Science (ESCI)** following a review process and by paying an additional registration fee. [For more information...](#)
- **Selected papers will be published in Supporting or other Journals: Clarivate Analytics Web of Science (SCI, SCI-Expanded, ESCI) or SCOPUS.**
- The Remain accepted full papers will be published in New Trends and Issues Proceedings on Advances in Pure and Applied Sciences (propaas.eu) and also submitted to and Clarivate Analytics Conference Proceedings Citation Index – CPCI (Web of Science) for evaluation for inclusion in the list. The journal is under review of Scopus. [For more information please click here](#)

Full Paper Submission

The full paper deadline will be extended 25 March 2019 and the Camera-ready submission for publication at April 10, 2019. This mean you should participate the conference and present your full paper at the conference (oral or virtual) and after the criticism during the conference you will have chance to make your last changes in the last version of your full paper and submit again until 25 February 2019.

Poster or Virtual Presentation

If you want to make POSTER or VIRTUAL PRESENTATION, please send us an email scimath.info@gmail.com about your presentation type until 25 February 2019. Thus, we can organize the presentations.

There will be an online (Virtual) presentation rehearsal taking place **on 25 February 2019 at 14:00 (GMT+3, Istanbul) -16:00 (GMT+3, Istanbul)**

Best Paper Award and Paper Poster Size:

The poster size is A0, equals 118 cm height x 84 cm length, or smaller. Please choose upright format and keep in mind that the font sizes should be big enough to allow your poster to be read from some distance. We suggest using a font size of 22 – 24 pt for texts and 60 – 70 pt for headings. You are kindly asked to bring your poster fully assembled and printed. The conference will offer the Poster Award to

the three best posters. Please read the guidelines below carefully; http://www.globalcenter.info/sci-math/?page_id=47

Session Chairman

If you want to be a Session Hall Chair in GCMAS-2019, please send an email to scimath.info@gmail.com till 25 February 2019, 24.00 GMT+3. Conference Chairmen get certificates for this duty. Applicants must have at least PhD degree and speak English well.

DÜDEN WATERFALLS, PERGE and ASPENDOS ANTIC CITIES, KURŞUNLU WATERFALLS AND OLD CITY (Antalya)

We would like to let you know that we are going to organize a Panoramic Tour of Historical Places and shopping Tour on 03 March 2019. We recommend you participate this special tour to visit very valuable historical places. For the tour route and more information, you can visit this website

Registration and Accommodation

Please visit these addresses to apply for;

- conference registration (http://www.globalcenter.info/sci-math/?page_id=23) and
- accommodation http://www.globalcenter.info/sci-math/?page_id=9)

Bank Statements

On your arrival to the conference please do not forget to bring along with you your BANK STATEMENTS to show proof of your payments in order to be able to receive a receipt and not experience any inconveniences.

The Conference Venue*

Grand Park Lara Convention Center

Grand Park Lara, Kemeragzi Mahallesi,
Yaşar Sobutay Blv D: No: 339, 07119 Aksu/Antalya, Turkey

*10 minutes away from Antalya International Airport.

Weather Conditions

In order to be certain of the weather whilst your visit to Antalya, Turkey. It would be a good idea to check out this web-site: www.weather.com so that you can consider taking precautions during your journey in the touristic world of Antalya.

If you have any questions, please contact me. Thank you for considering this conference as a venue for your work.

All the conference members are working hard for your excellence and for the conference.

Hope to meet you in Antalya.

With Respect,

Prof. Dr. Haluk Soran

The Chair of the Conference

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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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	Zephyranthes Main Restaurant, Open Buffet 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 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 Mathematicstowards 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- Girot, 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 Ouli, 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	Emna 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 Bilgininin Doğası Anlayışlarına Etkisi	Übeyit Bakan, Serkan Buldur, Turkey
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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 Al13polycation 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 Böyükbayram, <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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