



SESSIONS SCHEDULE

1st INTERNATIONAL CONFERENCE OF APPLIED SCIENCES ENGINEERING AND MATHEMATICS (ICASEM 2017)

"Apply the science of today - create the opportunities of tomorrow!"

Room name	Related areas
Room 1	Mathematics
Room 2	Mathematics
	Education
	Electrical Engineering
	Computer Engineering
Room 3	Chemical Engineering
	Computer Engineering
	Electrical Engineering
	Industrial Engineering
Room 4	Architecture
	Computer Engineering
	Protein Engineering

Session schedule, Friday, 05.05.2017

	Room 1	Room 2	Room 3	Room 4
Session 1 16:00-17:30	Mathematics	Electrical Engineering	Chemical Engineering	Architecture
	Moderator: Mahmut Ergüt, Prof.Dr.	Moderator: Andrej Stefanov, Prof.Dr	Moderator: Aleksandar Anastasovski, Asst. Prof.	Moderator: Mehmet Özalp, Assoc.Prof.
16:00-16:15	Ömer Akin, PhD <i>"Solutions of IVPs for a 2nd order Differential Equations in Intuitionistic Fuzzy Environment"</i> Department of Mathematics in TOBB Economics and Technology University	Yalcin Isler, PhD; Ali Turhan, PhD <i>"A Lower Extremity Prosthesis System Design Based on Myoelectronic Controller"</i> Izmir Katip Celebi Univertsity; Celal Bayar University, Turkey	Aitor Pablos, MSc; Jorge Vicente; Roberto Aguado, PhD; Martín Olazar, PhD <i>"Effect of the length of fountain confiner on bed pressure drop in a conical spouted bed"</i> University of the Basque Country, Spain	Ümit Yurt; MSc; Mehmet Emiroğlu, PhD <i>"Fracture Energy Of Concrete Under Extremely Low Temperatures"</i> Düzce University, Turkey
16:15-16:30	Mustafa Dede, PhD; Cumali Ekici, PhD <i>"B-Darboux Frame of a Surface"</i> Kilis 7 Aralık University; Eskişehir Osmangazi University, Turkey	Mutlucan Bayat, MSc <i>"A Comparative Study of Theoretical and Experimental Results for Estimating a Solar PV Module Temperature"</i> Karabuk University, Turkey	Aleksandar Anastasovski, PhD <i>"Baker's Yeast Shelf Life preservation in Presence of alginates"</i> International Balkan University, Macedonia	Maqсад Gojamanov, PhD; Ahmad. S. Hassanov, MSc <i>"The Geodetic Provision Of Seismic Exploration In Caspian Sea"</i> Baku State University, Azerbaijan
16:30-16:45	Muammer Kula, PhD <i>"T3-Objects in The Category of Cauchy Spaces"</i> Erciyes University, Turkey	Kamil Onur Algan; Yalcin Isler, PhD <i>"Mobile Oscilloscope Application to Acquire Real-Time Signals Wirelessly"</i> Izmir Katip Celebi Univertsity, Turkey	Terkida Vaso Prifti, MSc; Luljeta Xhagolli Pinguli, MSc; Ilirjan Malollari, PhD <i>"Biocatalytic diameter influence of beads immobilized in kinetic fermentation with immobilized yeast"</i> University of Tirana, Albania	Gjergji Simaku, MSc <i>"Albanian Residential stock and future Energy saving Scenarios"</i> Polis University Tirana, Albania
16:45-17:00	Elif Aybike Büyükyılmaz, PhD <i>"A New Construction of the Fractal Structures in Galilean Plane"</i> Central Anatolia Development Agency, Turkey	Computer Engineering	Nikolina Sokolovska, MSc; Liljana Lazarevska; Zlatko Arsenievski <i>"Monitoring of the Mosquitoes in Skopje 2016 and Impact of Flood in Municipality Gazi Baba of the Mosquitoes Populations"</i> P.H.O. Center for public health, Macedonia	Mehmet Özalp; PhD; Mete Bayraktar, MSc; Cantekin Ulukaya, Msc <i>"The Comparison of Underground Temperatures in Six Different Locations for Designing Envisaged Heat Pump Use to Passive Houses"</i> Karabuk University; Bölge Müdürlüğü; Ulukaya Enerji Mühendislik Company, Turkey
		Moderator: Andrej Stefanov, Prof.Dr		
	Zafer Albayrak, PhD; Cumhuri Torun, MSc <i>"Evaluation of Queue Management Algorithms in LTE Networks"</i> Karabuk University, Turkey			
17:00-17:15	Muradiye Çimdiker, PhD, Cumali Ekici, PhD <i>"Pseudo-Finsler Eikonal Equations"</i> Kırklareli University; Eskişehir Osmangazi University, Turkey	Neslihan Ademi, MSc <i>"5G Next Generation Wireless Network Concept"</i> International Balkan University	Ahmet Öztürk, PhD; Mehmet Özalp, PhD; Adnan Sözen, PhD <i>"The Utilization and Comparison of Nano Fluids in the Air to Air Heat Exchanger Systems"</i> Artvin Çoruh University, Karabük University, Gazi University, Turkey	
17:15-17:30	Özgür Keskin, MSc; Yusuf Yaylı, PhD <i>"Rotation Minimizing Frame and its Applications in E3"</i> Ankara University, Turkey	Rukiye Uzun, PhD; Yalcin Isler, PhD; Baris Unlu, PhD; <i>"Design of a New Electronic Board to Control Wheelchair Motors Using EOG Signals"</i> Bulent Ecevit Univertsity; Izmir Katip Celebi Univertsity, Turkey	Elçin Güneş, PhD; Yalçın Güneş, PhD; Asude Hanedar, PhD; Gül Kaykioğlu, PhD <i>"Treatment of Real Textile Wastewater by Fenton Process: Comparison of Process Conditions for Raw and Biologically Treated Textile Wastewater Samples"</i> Namik Kemal University, Tukey	
19:00-22:00	Gala Dinner (Ohrid)			

Session schedule, Saturday, 06.05.2017

	Room 1	Room 2	Room 3	Room 4
Session 1 9:00-10:30	Mathematics	Education	Chemical Engineering	Architecture
	Moderator: Ömer Akin, Prof.Dr.	Moderator: Aleksandra Porjazoska Kujundziski, Assoc.Prof.	Moderator: Muhammet Hamdi Karaoğlu, Assoc.Prof.	Moderator: Aleksandar Andovski, Assoc.Prof.
9:00-9:15	Zehra Pinar, PhD <i>"A remark on a variable-coefficient Bernoulli equation based on auxiliary -equation method for nonlinear physical systems"</i> Namik Kemal University, Turkey	Jarka Glassey, PhD; Eric Schaer, PhD; Aleksandra Porjazoska Kujundziski, PhD ; Luis Miguel Madeira, PhD; Milan Polakovic, PhD; Norbert Kockmann, PhD <i>"Assessment of Teaching Effectiveness in Engineering Education"</i> International Balkan University, Macedonia	Gül Kaykioğlu, PhD ; Elçin Güneş, PhD; Şeyma Ordu, PhD; Yalçın Güneş, PhD; Asude Hanedar, PhD; <i>"Assessment of the qualities of tap water taken from Istanbul and Tekirdağ"</i> Namik Kemal University, Tukey	Aleksandar Andovski, PhD <i>"Remodeling Suburban Settlements of Skopje"</i> International Balkan University, Macedonia
9:15-9:30	Dursun Irk, PhD <i>"High Order Finite Difference Method for Burgers' Equation"</i> Eskişehir Osmangazi University, Turkey	Bora Aslan, PhD ; Füsün Yavuzer Aslan, MSc <i>"An Analysis of the Situations of Software Engineering Departments in Turkish Universities"</i> Kırklareli University, Turkey	Muhammet Hamdi Karaoğlu, PhD <i>"Biodiesel production using NaOH/sepiolite as heterogeneous base catalyst"</i> Muğla Sıtkı Kocman University, Tukey	Jordan Bojadjiev, MSc ; Roberta Apostolska, PhD; Golubka Necevska-Cvetanovska, PhD <i>"RC High rise buildings – seismic guidelines and design recommendations"</i> International Balkan University, Institute of earthquake engineering and engineering seismology Skopje, Macedonia
9:30-9:45	Ali Deliceoğlu, PhD ; <i>"Topology of Divergence Free-Vector Fields Close To The Free Surface"</i> Erciyes University, Turkey	Teuta Iljazi, PhD <i>"Social Networks as a teaching and learning tools"</i> University of Tetovo, Macedonia	Elçin Güneş, PhD ; Gül Kaykioğlu, PhD; Yalçın Güneş, PhD; Asude Hanedar, PhD <i>"Removal of COD and Color from Biologically Treated Textile Effluents by Adsorption and H₂O₂/UV Oxidation"</i> Namik Kemal University, Tukey	Gjergji Simaku, MSc <i>"Albanian Building Stock Typology and Energy Building Code in progress towards Methodology of Performance calculation on heating and cooling"</i> Polis University Tirana, Albania
9:45-10:00	Sanja Atanasova, PhD ; Katerina Hadzi-Velkova Saneva, PhD; Jasmina Veta Buralieva, PhD <i>"Some continuity results for the Stockwell transform on distribution spaces"</i> <i>"Ss Cyril and Methodius"</i> University; University "Goce Delcev", Macedonia	Fehmi Skender, MSc <i>"Free Testing and Quizzing Tools for Online Education – Socrative"</i> International Vision University, Macedonia	Javier Izquierdo MSc ; Jorge Vicente, PhD; Roberto Aguado, PhD; Martín Olazar, PhD <i>"3D printing technology for quick prototyping of micro-hydrocyclone components"</i> University of the Basque Country, Spain	Protein Engineering Moderator: Ömür Baysal, Prof.Dr. Özal Mütlu, PhD ; Nagihan Gulsoy, PhD <i>"Functional Classification of proteins Having Role in Cellular Response to Nanoparticles: A Proteome-Wide and Bioinformatics Approach"</i> Marmara University, Turkey
10:00-10:15	Özcan Gelişgen, PhD <i>"On The Circular Inversions In Alpha Plane"</i> Eskişehir Osmangazi University, Turkey	Neslihan Ademi, MSc <i>"Tools and Methods For Educational Data Mining"</i> International Balkan University	Aleksandar Anastasovski, PhD <i>"Determination of heat demand and optimal production capacity for yeast production by use of MS Solver"</i> International Balkan University, Macedonia	Hiqmet Kamberaj, PhD <i>"Perspectives on Molecular Dynamics Simulations ^ Free Energy calculations for Biomolecular Systems"</i> International Balkan University, Macedonia
10:15-10:30	Cansel Yormaz, PhD; Şerife Naz ELMAS, MSc <i>"Split Quaternionic Version Of Hamiltonian Mechanics"</i> Pamukkale University, Turkey	Arjeta Ceka Zhaku, Msc; Granit Nebiu , Verim Zhaku, MSc; Dhurata Nebiu <i>"Mobile Learning System Based on the Cloud Environment"</i> International Balkan University ; Assembly of Republic of Macedonia, Macedonia	Asude Hanedar, PhD; Elçin Güneş, PhD ; Gül Kaykioğlu, PhD; Suna Özden Çelik, PhD; Evren Cabi, PhD <i>"Concentration and Toxicity of OCPs in Meric-Ergene Basin"</i> Namik Kemal University, Tukey	Ömür Baysal, PhD <i>"Industrial Potential of a New Bacillus Subtilis (EU07) Besides Its Biocontrol property"</i> Muğla University, Turkey
10:30-10:45	Coffee Break			

Session schedule, Saturday, 06.05.2017				
Session 2 10:45-12:15	Room 1	Room 2	Room 3	Room 4
	Mathematics	Mathematics	Electrical Engineering	Computer Engineering
	Moderator: Cumali Ekici, Prof.Dr.	Moderator: Abduncabbar Sönmez, Assoc.Prof.	Moderator: Lidija Petkovska, Prof.Dr.	Moderator: Yalcin Isler, Asst.Prof.
10:45-11:00	Emin Aygün, PhD "Rough sets and on Decision-Making Methods" Erciyes University, Turkey, Turkey	Erdal Gül, PhD ; Aylan Ceyhan, MSc "On the second regularized trace of a differential operator with bounded operator coefficient" Yildiz Technical University, Turkey	Necmi Serkan Tezel, PhD ; Fatma Meydaneri Tezel, PhD "Newton Method for Reconstruction of Medium Parameters" Karabuk University, Turkey	Necmi Taşpınar, PhD ; Şakir Şimşir, MSc "Pilot Tones Design Using Genetic Algorithm for OFDM-IDMA System" Erciyes University, Turkey
11:00-11:15	Delco Leskovski, MSc "Some New inequalities for Harmonic Mathieu Series" International Balkan University	Abduncabbar Sönmez, PhD "Some Notes on The Sequence Spaces Generated By Triple Band Matrix" Erciyes University, Turkey	Lidija Petkovska, PhD ; Goga Cvetkovski, PhD "Torque Ripple Analysis of Permanent Magnet Motor" "Ss Cyril and Methodius" University; Macedonia	Özlem Karabiber Cura, MSc ; Ebru Sayilgan, MSc; Yalcin Isler, PhD "Arrhythmia Classification Using Fuzzy C-Means Clustering" Izmir Katip Celebi Univertsity, Turkey
11:15-11:30	Ali Deliceoğlu, PhD ; "Streamline topologies of axisymmetric flow near non-simple degenerate points using normal forms" Erciyes University, Turkey	Mahmut Ergüt, PhD; Süha Yılmaz, PhD; Yasin Ünlütürk, PhD "Isotropic Smarandache curves in the complex space C^4 " Namık Kemal University; Dokuz Eylül University; Kırklareli University, Turkey	Atanas Tanushevski, PhD "Photoelectrochemical cells based on ZnO/CdS composite films" "Ss.Cyril and Methodius", Macedonia	Büşra Aşkın; Kemal Keskin, PhD ; Gökhan Dındış, PhD; Abdurrahman Karamancıoğlu, PhD "Energy Optimal PAPR Quadrotor Stabilization Using PD control obtained by BB-BC Algorithm" Ondokuz Mayıs University; Eskişehir Osmangazi University, Turkey
11:30-11:45	Simge Simsek, MSc ; Cansel Yormaz, PhD "Lagrangian Energy Systems On Supermanifolds" Pamukkale University, Turkey	Elif Altıntaş, MSc ; Süheyla Ekmekçi, PhD; Ziya Akça, PhD; Ayşe Bayar, PhD; "On Baer Subplanes of the Left Hall Plane of Order 9" İstanbul Aydın University; Eskişehir Osmangazi University, Turkey	Necmi Serkan Tezel, PhD ; Fatma Meydaneri Tezel, PhD "Shape Reconstruction of Obstacle Located Above PEC Plane" Karabuk University, Turkey	Necmi Taşpınar, PhD ; Yuksel Tokur Bozkurt, MSc "PAPR Reduction Using Particle Swarm Optimization for LBWPM System" Erciyes University, Turkey
11:45-12:00	Muammer Kula, PhD "Local T3-Objects in the Category of Cauchy Spaces" Erciyes University, Turkey	Selim Çetin, MSc ; Mahmut Koçak, PhD "Cat ¹ Leibniz - Rinehart Algebras and Related Structures" Eskişehir Osmangazi University, Turkey	Adrijana Milevska Markoska, MSc ; Lidija Petkovska, PhD ; Goga Cvetkovski, PhD "Steady State Characteristics of a Small Single-Sided Double-Layer Linear Induction Motor" "Ss Cyril and Methodius" University; Macedonia	Yalcin Isler, PhD ; Mehmet Hakan Selek, MSc "Design of Incubator Control System with Online Video Streaming using Raspberry PI" Izmir Katip Celebi Univertsity, Turkey
12:00-12:15	Suzan Zeren, MSc ; Çiğdem Bektaş, PhD "On New Sequence Spaces Obtained by the double band matrix" Firat University, Turkey	Erdal Bayram, PhD ; "Quasi-similarity to L-weakly and M-weakly compact operators" Namık Kemal University, Turkey	Goga Cvetkovski, PhD; Lidija Petkovska, PhD ; "Dynamic Modelling of Three Phase Induction Motor Using MATLAB/Simulink" "Ss Cyril and Methodius" University; Macedonia	
12:15-13:15	Lunch Break			

Session schedule, Saturday, 06.05.2017			
Session 3 13:15-14:45	Room 1	Room 2	Room 3
	Mathematics	Mathematics	Computer Engineering
	Moderator: Ali Deliceoğlu, Assoc.Prof	Moderator: Dursun Irk, Assoc.Prof.	Moderator: Hiqmet Kamberaj, Assoc.Prof.
13:15-13:30	Muammer Kula, PhD ; Tesnim Meryem Baran "Local T1 Pseudo-Semi Metric Spaces" Erciyes University, Turkey	Abdulcabbar Sönmez, PhD ; Mustafa Cemil Bişgin, PhD "Three New Sequence Spaces Derived By The Composition Of Binomial Matrix And Generalized Difference Matrix" Erciyes University, Turkey	Said Nadeem, PhD ; Hüseyin Gürüler, PhD; Mehmet Ali Özler, PhD; Hüseyin Çiçek, PhD "Non-scientific requirements of scientific journals, suggestions and need of a one click software" Muğla Sıtkı Koçman University, Turkey
13:30-13:45	Selim Çetin, MSc ; Kadir Emir, PhD "Pullback Cat ¹ Objects in Modified Categories of Interest" Eskisehir Osmangazi University, Turkey	Mustafa Dede, PhD; Muradiye Çimdiker, MSc; Hilal Betül Çetin, MSc ; Cumali Ekici, PhD "On the Parallel Ruled Surfaces with Q-frame in Euclidean 3-space" Kilis 7 Aralık University; Kırklareli University, Eskişehir Osmangazi University; Turkey	Andrej Stefanov, PhD "On Adopting Networking Research in Undergraduate Education" International Balkan University, Macedonia
13:45-14:00	Cansel Yormaz, PhD Simge Simsek, MSc; "Lagrangian Energy Systems for Super Helix on Supermanifolds" Pamukkale University, Turkey	Rashad A. Abdel-Baky, PhD; Yasin Unluturk, PhD "Some Classification of Translation Surfaces in Pseudo-Galilean Space G ₃ " King Abdulaziz University, Saudi Arabia; University of Assiut, Egypt; Kırklareli University, Turkey	Skofiar Kamberi ; Festim Halili, PhD "Composition of Web Services for student evaluation system" International Balkan University; University of Tetovo, Macedonia
14:00-14:15	Ali Deliceoğlu, PhD "Stokes flow in a Z-shaped domains" Erciyes University, Turkey	Emin Aygün, PhD "On a New Ring Structure" Erciyes University, Turkey	Industrial Engineering
			Moderator: Hiqmet Kamberaj, Assoc.Prof.
			Mujde Turkkan, PhD ; Nurkan Yagiz, PhD "Fuzzy-Sliding Mode Control of a Quarter Bus Model with an Air Suspension System" Istanbul University, Turkey
14:15-14:30	Sait San, PhD "Exact Solutions and Conservation Laws of the CH-KP equation" Eskişehir Osmangazi University, Turkey	Aynur Keskin Kaymakci, PhD "On Completely Delta-b-irresolute Functions" Selcuk University, Turkey	Valdrin Kuchi, MSc ; Vladimir Dukovski, PhD "A Comparative Analysis of Forecasting Daily Stock Market", Ss Cyril and Methodius" University, Skopje
14:30-14:45	Mustafa Dede, PhD; Hatice Tozak, MSc ; Cumali Ekici, PhD "Spacelike Directional Tubular Surfaces" Eskişehir Osmangazi University; 17 Aralık University, Turkey	Aybeyan Selimi, MSc ; Mimica Milošević, PhD; Muzafer Saračević, PhD "AHP – TOPSIS Model as a Mathematical Support In the Selection of Project From Aspect of Mobility" International Vision University, Macedonia; University Union Nikola Tesla, Serbia; International University of Novi Pazar, Serbia	Mujde Turkkan, PhD ; Nurkan Yagiz, PhD "Vibration Control of a Bus Suspension System with an Air Spring Using PD Type Fuzzy Logic Controller" Istanbul University, Turkey
14:45-15:00	Elif Altıntaş, MSc ; Sühayla Ekmekçi, PhD; Ziya Akça, PhD; Ayşe Bayar, PhD; "On an Algorithm for Constructing (k,2)-Arcs in Hall Plane", Istanbul Aydın University; Eskişehir Osmangazi University, Turkey	Coffee Break	
15:00-15:15	Closing Ceremony		