

**MEDITERRANEAN NATURAL SCIENCES AND ENGINEERING CONGRESS
(MENSEC 2017)
October 19-22, 2017
University of Donja Gorica
Podgorica, Montenegro**

Thursday, October 19

08:30 - 10:00	Congress Registration
10:00 - 10:30	Opening Speech by Dr. Veselin Vukotic, Rector of UDG
10:30 - 11:00	Opening Cocktail
11:00 - 12:30	Sessions 1A, 1B, 1C, 1D
12:30 - 13:30	Lunch Break
13:30 - 15:00	Sessions 2A, 2B, 2C, 2D
15:00 - 15:30	Coffee Break
15:30 - 17:00	Sessions 3A, 3B, 3C

Friday, October 20

10:00 - 11:30	Session 4A
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Saturday, October 21

	Academic Visit to University of Dubrovnik
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Sunday, October 22

	Social Program: Mostar and Sarajevo University campus visits
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Thursday, October 19

**SESSION 1A
ENGINEERING (English)
Session Chair: Dr. Biljana Stamatovic**

11:00 - 12:30

Ms. Jelena Badnjar	Fractal Analysis of Biomedical Images
Dr. Biljana Stamatovic	Implementation of Cellular Automata Labeling of Connected Components in 3D Binary Lattices
Ms. Tuba Senocak	Indoor Positioning as a Security Countermeasure for the Internet of Things
Mr. Mehmet Alper Sofuoglu	Experimentation of Structural Health Monitoring Using Statistically Quantified Electromechanical Impedance
Mr. Umutcan Olmus	Flow Structure in the Annular Region of Perforated Shroud

**SESSION 1B
ARCHITECTURE/NATURAL SCIENCES (English)
Session Chair: Dr. Dragan Bulatovic**

11:00 - 12:30

Dr. Beyza Sat Gungor	An Urban Cultural Heritage: Market Gardens of Istanbul
Dr. Tatjana Kosic	Experts on the Complex Design of Curved Glass Envelope
Ms. Nergiz Amirova	"Making Change Visible" - Shaping the Land to Create a Dialogue between a City and Nature
Dr. Dragan Bulatovic	Designing and Construction of Ecolodge Facilities in Protected Areas of Montenegro
Dr. Nilufer Kart Aktas	Should Historical Places Conserved or Used, Why not both?
Dr. Huseyin Toros	Evaluation of Air Pollution in Karabuk City, Turkey

SESSION 1C
HEALTH (English/Turkish)
Session Chair: Dr. Ismihan Ilknur Uysal

11:00 - 12:30

Dr. Fatma Duman	Hemiparetik Serebral Palsili Bireylerde Kardiyorespiratuar Durumun Değerlendirilmesi
Dr. Nevin Kanan	Hipertermik Intraperitoneal Kemoterapi (HİPEK) Uygulamasında Bakım
Mr. Umit Yesil	Genç ve Yaşlı Olgularda Yürüyüş Özellikleri ve Etki Eden Faktörler
Dr. Ismihan Ilknur Uysal	Donate Your Body, Be Light to Humanity
Ms. Acelya Turkmen	Acil Servislerde Görülen Ortopedik Travmalar ve Hemşirelik Bakımı
Dr. Semra Ay	Assessment of Caregiver burden of Caretakers for Patients' Relatives with Cancer Illness

SESSION 1D
ENGINEERING (English/Turkish)
Session Chair: Dr. Bilcen Mutlu

11:00 - 12:30

Dr. Faruk Yalcin	Dengesiz ve Yüksüz bir Senkron Generatörde Faz-Faz Hatası için Kısa Devre Analizi
Dr. Bilcen Mutlu Dr. Zafer Utlu	Aluminum Moulding and Simulation in Chill Mould
Dr. Ahmet Raif Boga Dr. Cahit Güner	The Effect of Conductive Component Type on Conductivity in Conductive Asphalt Concrete Mixtures
Dr. Hüsamettin Bulut Mr. Ibrahim Sancar	Havalı Güneş Kolektörlerinde Farklı Bağlantı Şekillerinin Isıl Performansa Etkisinin Deneysel Analizi
Mr. Omer Yildiz	Okul Tipi Yapıların Çelik Yapıların Tasarım, Hesap ve Yapım Esasları 2016 Yönetmeliğine Göre Değerlendirilmesi

SESSION 2A
NATURAL SCIENCES (English/Montenegrin)
Session Chair: Dr. Mehmet Can

13:30 - 15:00

Dr. Mehmet Can	Recurrent Neural Networks for Linear B-Epitope Prediction
Dr. Kruna Ratkovic	Optimal Control in Growth Theory
Dr. Oguz Dogan	Nano Coating for Historical Stone Monuments
Dr. Nela Milosevic	Fermat's Last Theorem and Rise of Algebraic Number Theory
Dr. Borislav Dukanovic	Klaster Za Predikciju Zavisnosti
Dr. Jadranka Kaludjerovic	Analysis of Business Cycle Synchronisation in Western Balkan Countries and Turkey

SESSION 2B
NATURAL SCIENCES/AGRICULTURE (English)
Session Chair: Dr. Luljeta Dhaskali

13:30 - 15:00

Dr. Xhelil Koleci	Agreement between Florescence Polarization Assay, Complement Fixation and Enzyme-Linked Immunosorbent Assay Tests for Diagnosing of Bovine Brucellosis
Dr. Luljeta Dhaskali	Blood Profile in Bitches with Pyometra – Cystic Endometrial Hyperplasia (CEH): Preliminary Data
Dr. Ruzdhi Keçi	Social Impact during Bluetongue Disease Outbreak in Sheep in Northern Part of Albania
Dr. Vesna Boljevic	Possibilities of Improving the Quality of Mixed Rye Bread by Adding an Acidic Dough
Dr. Elvana Zhezha	Economic Impact of Bluetongue Disease in Sheep in Albania-Kosovo Border

SESSION 2C
NATURAL SCIENCES (English/Turkish)
Session Chair: Dr. Huseyin Toros

13:30 - 15:00

Dr. Ibrahim Bektas	Investigation of the Physical Properties in Certain Tree Species' Sap- and Heart- Woods
Dr. Huseyin Toros	Meteorological Evaluation of Kütahya Air Pollution Data
Dr. Ibrahim Bektas	The Effects of Temperature and Pressure on Some Physical Properties of Calabrian Pine Wood
Dr. Rauf Amirov	Integral Representations for Solutions for the Diffusion Differential Equation With The Discontinuous Coefficient
Mr. Ibrahim Akbayir	Investigation of Spatial Variation of Air Pollution in Dilovasi-Turkey
Dr. Yunus Esen	Species of the Genus Piona Koch, 1842 (Acari, Hydrachnidia) of Erzurum Province and Two New Records for the Turkish Fauna

SESSION 2D
ENGINEERING (English/Turkish)
Session Chair: Gurcan Atakok

13:30 - 15:00

Dr. Zeki Omac	Investigation of an 18/12 Poles Switched Reluctance Motor with Three Dimensional Finite Element Method
Dr. Huseyin Akbulut	Investigation the Effect of the Bitumen Weight on Heating of Electrically Conductive Asphalt Concretes
Ms. Melis Zeynep Cakir	Yeniden Mühendislik Yaklaşımı ile 3-Boyutlu Yazıcılarda Performans Artırımı
Dr. Gurcan Atakok	Karayolu Taşımacılığında Tarımsal Ürünlerdeki Kalite Kayıplarına Titreşim ve Paketleme Çeşitlerinin Etkileri
Mr. Umut Can Cabuk	A Financial Analysis on Realization of Elections and Votings as Online in Turkey
Dr. Aslan Coban	Eğitimde Hizmet Kalitesinin Servqual Yöntemi ile Ölçülmesi

SESSION 3A
NATURAL SCIENCES (English/Turkish)
Session Chair: Dr. Selma Helli

15:30 - 17:00

Dr. Abdulla Sakalli	Impacts of Climate Change on the Ecosystem Production: Differences between 1.5°C and 2°C Periods
Dr. Selma Helli Ms. Masallah Guneyli	Poyrazlar Gölü Balık Faunası (Sakarya, Türkiye)
Dr. Yunus Esen Dr. Orhan Erman	The Endemic Water Mite (Acari, Hydrachnidia) Species of Turkey and A General Assessment on Their Ecology
Mr. Resul Unal Dr. Ahmet Samanci	Değişken Kondenser Sıcaklığına Sahip Bir Klimanın Karşılaştırmalı Performans Analizi
Dr. Huseyin Toros	Evaluation of Air Pollution in Karabuk City, Turkey
Dr. Semih Özel	Mesleki Yeterlilik Test Merkezlerinin Etkinlik Değerlendirmesi

SESSION 3B
HEALTH (English/Turkish)
Session Chair: Dr. Bircan Yucekaya

15:30 - 17:00

Mrs. Pinar Arpacı	Health Promotion in the Elderly
Dr. Bircan Yucekaya	Opere Ön Çapraz Bağ Yaralanması Geçirmiş, FTR Ünitesinde Tedavi Gören ve Sadece Ev Egzersiz Programı Alan Hastaların Kuadriseps Kas Kuvvetinin Karşılaştırılması
Dr. Ramazan Yildiz	Changes in Renal and Gastrointestinal Markers Following the Administration of Tolfenamic Acid at Ascending Doses in Sheep
Dr. Irem Huzmeli	Sigara İçen ve İçmeyen Genç Bireylerde Egzersiz Farkındalığının Arttırılması
Dr. Neriman Akyolcu	Meme Kanserinde Güncel Yaklaşımlar

SESSION 3C
NATURAL SCIENCES (English)
Session Chair: Dr. Tomo Popovic

15:30 - 17:00

Dr. Pellumb Harizaj Dr. Fatma Kunt	Identifying and Quantifying Buffering Capacities and Tipping Points for Critical Natural Processes within Windows of Environmental Decision Making
Dr. Tomo Popovic	Towards an IOT Solution for Anti-counterfeiting Protection in Wine Industry
Dr. Florian Mandija	The Climatology of the Aerosol Load over Shkodra Lake; Assessment of the Main Sources and Inter-Annual Trends Based on Remote Sensing Technologies and Model Outputs
Dr. Jadranka Kaludjerovic	The Role and Cooperation of Think-Tanks in the Mediterranean
Dr. Darko Petkovic	On The Road To Dual Education – An Example Of A New Bachelor Study Program (Designed In Line With The Current State Of The Relevant Industry Branch In The Local And Regional Area)

Friday, October 20

SESSION 4A
HEALTH AND GENETICS (Poster Session)
Session Chair: Dr. Recai Aydin

10:00 - 12:00

Ms. Elda Lamce	Application of Mathematics in Genetics
Dr. Nevin Kanan	Kansere Bağlı Yorgunluk
Dr. Fatma Arslan	Anestezik Farmakolojide Güvenlik ve Yeni Yaklaşımlar
Mr. Sime Marcelic	The Morphological Characteristics of Olives (<i>Olea europea L.</i>) of "Masnjače" Variety in the area of Briševo in the Zadar County
Ms. Morena Breshanaj	Matroid