



ICENS

**6TH INTERNATIONAL CONFERENCE ON
ENGINEERING AND NATURAL SCIENCES**

PROGRAM SCHEDULE

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October 21, 2020

ICENS 2020 Presentation Schedule

09:00 Opening Speech & Speech by Invited Speaker (Prof.Dr. Houssam Toutanji)

A-1. Session Chairman: Sergey Borisenok

- 09:30 2391 - Detailed analysis of machine current during hard turning of DIN 1.2367 steel using CBN - Naime EREN, Fatih Hayat, Abidin Şahinoğlu, Mustafa Günay, Halil EREN
- 09:45 2392 - Modelling of surface roughness in machining of the hardened X38CrMoV5-3 steel by CBN insert - Naime EREN, Fatih Hayat
- 10:00 2559 - Novel 3,4,5-trifluorophenyl-functionalized Carbazole: Synthesis, Characterizations and dye sensitized solar cell applications - BETUL DERINCE, KAMURAN GORGUN, YASEMIN CAGLAR, MUJDAT CAGLAR
- 10:15 2386 - CAN Controlled Hodgkin-Huxley Neuron MODEL QUANTUM COMPUTATIONS? - Sergey Borisenok
- 10:30 2406 - COMPARISON OF POWER LINE COMMUNICATIONS INFRASTRUCTURE - Buğrahan Uzun, Okan OZGONENEL
- 10:45 2397 - Wireless Capsule Localization Inside the Human Small Intestine Using a Permanent Cube-Shaped Magnet with Analytical Magnetic Model and Dipole Model - Muzaffer Kanaan, Memduh SUVEREN
- 11:00 2385 - Kinematic Analysis and Optimization of Scrap Handling Machine Crane - Çağatay Yeldar Yıldırım, Aytekin Yelekcioğlu, Ramazan Şan
- 11:15 2387 - Target Repeller Feedback Control over the Ergotropy of Quantum Battery - Sergey Borisenok
- 11:30 2388 - Forecasting Automobile Sales using Winters method Optimized by Genetic Algorithm - MUSTAFA AHMET BEYAZIT OCAKTAN, Aslan Deniz Karaoglan
- 11:45 2405 - Photoelectric Characteristic of the Silicon Photodiode with BCP Interfacial Layer - Tugay Demirtaş, CEM ODACI, Umut AYDEMİR
- 12:00 2393 - Analysis of the Cs-137 Distribution Within the Sąspowska Valley of the Ojców National Park (Poland) with Regard to the Current Deposition and Environmental Factors Determining the Accumulation - Filip Jędrzejek, Marcin Stobiński, Katarzyna Szarłowicz, Barbara Kubica

A-2. Session Chairman: Barış Sayın

- 13:30 2377 - INVESTIGATION OF LIVE-BED SCOUR AROUND CIRCULAR BRIDGE PIERS UNDER FLOOD WAVES BY USING FLOW3D - FIRAT GÜMGÜM, MEHMET ŞÜKRÜ GÜNEY
- 13:45 2410 - Structural Rehabilitation of a Damaged Retaining Wall: Structural approach and modeling - Barış Güneş, Cihan Öser, Barış Sayın
- 14:00 2409 - Seismic assessment of existing low-rise RC buildings: A Case study - Baris GÜNEŞ, Barış Sayın
- 14:15 2398 - Investigation of Magnetic Data of the Büyük Menderes Graben in Western Anatolia - Oya Pamukçu, Fikret Doğru, Ayça Çırmık
- 14:30 2411 - Structural Rehabilitation of a Damaged Retaining Wall: Geotechnical approach and modeling - Cihan Öser, Barış Güneş, Barış Sayın
- 14:45 2399 - Deriving Enhanced Magnetic Model 2017 (EMM 2017) Data for Eastern Anatolia - İlkin Özsöz, Oya Pamukçu
- 15:00 2396 - The Enhancement Methods of Polycarboxylate-Based Water Reducing Admixture Performance in Systems Containing High Amount of Clay; Literature review - HATİCE GİZEM ŞAHİN, ÖZNUR BİRİCİK, Ali Mardani-Aghabaglou
- 15:15 2408 - Numerical approach for seismic assessment of an existing historical masonry school building - Baris Güneş, Barış Sayın
- 15:30 2395 - Effect of Main and Side Chain Lengths Change of Water Reducing Admixture on Setting Time and Compressive Strength of Cementitious Systems - Muhammet Gökhan Altun, HATİCE GİZEM ŞAHİN, Ali Mardani-Aghabaglou, Kambiz RAMYAR
- 15:45 2557 - NOVEL APPROACHES ON FUNCTIONAL YOGHURT - Rabia Serpil GÜNHAN
- 16:00 2558 - WHY IS POMEGRANATE MOLASSES IMPORTANT ? - Rabia Serpil GÜNHAN
- 16:15 2412 - A Mobile Data Collection and Management System for Archaeological Excavations and Museums - MEHMET ERKAN YUKSEL, HUSEYİN FIDAN,

Poster Presentations

- 16:30 2364 - THE HEALTH RISK ESTIMATION BASED ON HEAVY METALS IN EDIBLE PLANTS FROM BOSNIAN MARKET - Aida Šapčanin, Mirsada Salihović, SELMA KORAĆ, Emina Ramić
- 16:45 2380 - Simulation of the cotton thistle biodiesel plant - Marija B. Tasic, Milan D. Kostić, Olivera S. Stamenković, Vlada B. Veljković
- 17:00 2365 - ACCUMULATION OF HEAVY METALS BY DIFFERENT MUSHROOMS FROM BOSNIA WITH RESPECT TO THE HEALTH RISK ASSESSMENT - Aida Šapčanin, Mirsada Salihović, SELMA KORAĆ, Emina Ramić
- 17:15 2394 - DETERMINATION OF CS-137 ACTIVITIES IN AIR AEROSOLS (IN POLAND) AFTER FOREST FIRE IN THE CHERNOBYL EXCLUSION ZONE – SITE OF ELEVATED LEVEL OF RADIATION RISK - Filip Jędrzejek, Marcin Stobiński, Katarzyna Szarłowicz, Barbara Kubica, Alicja Skiba, Przemysław Furman,

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