

ICENS & ICOEST 2022 Presentation Schedule

09:30 Opening Speech

A. Session Chairman: Hasan Bora Usluer

09:30 1090 - REMOVAL OF TETRASYCLINE FROM WASTE WATERS WITH ANODIC OXIDATION METHOD - Muhammed Arslantaş, Ömür Gökkuş

09:45 1105 - THE ENVIRONMENTAL EFFECTS AND USE OF CARBON NANOTUBES IN WATER TREATMENT - Arzu Öztürk

10:00 1094 - Effects of Mucilage on Turkish Straits Sea Area and Marine Environment - Hasan Bora Usluer

10:15 1101 - Impacts of combined pollution under gradient increasing and gradient decreasing exposure modes on activated sludge: Microbial communities and antibioticresistance genes". - Gao Yu-Xi, Li Xing, Zhao Jun-Ru, Zhang Zhong-Xing, Fan Xiao-Yan

10:30 1106 - The Influence of Different Energy Dissipating Inlets on the Hydrodynamics within the Clarifiers - Emre Koken, NURDAN BUYUKKAMACI

B. Session Chairman: Dilara Öztürk

11:00 1108 - The Effect of pH on Caffeine Adsorption From an Aqueous Solution Onto Bentonite With Sulfuric Acid Activation - Merve FAKİOĞLU, Yasemen KALPAKLI

11:15 1100 - REMOVAL OF PHENOL FROM OIL REFINERY PHENOLIC WASTEWATER WITH PHOTO-FENTON-UVC254 PROCESS - Fatih Gulmez, Ali Oguzhan NARCI, Deniz OZTURK, ESRA CAN DOGAN

11:30 1098 - Using Alkali-Modified Fly Ash/Fe₃O₄/CuO Nano-Composite for Heterogeneous Fenton Treatment of Denim Industry Wastewater - Dilara Öztürk, Ayşe Özgüven

11:45 1110 - The Effect of Pore Size On External Dynamic Membrane Formation - Müge Paçal, Neslihan Semerci

12:00 1095 - Optimal Management of Construction Waste - Dino Obradović, Marija Sperac

Poster Presentations (12:15 - 13:00)

12:15 1103 - The effect of different forms of parabens on fresh- and saltwater algae: the case of methyl- (MeP) and propyl (PrP) paraben - MARGARITA DORMOUSOĞLOU, GIOVA LAMPRIINI ELEFThERIA, LISGARA ATHINA, ANTONOPOULOU MARIA, VLASTOS DIMITRIOS, DAILIANIS STEFANOS

12:20 1093 - COMPARATIVE STUDY of the CYTOTOXICITY BETWEEN TWO PHARMACEUTICALS and THEIR OXIDATION PRODUCTS on HUMAN CELLS - Spyrou Alexandra, Skourti Anastasia, Dormousoglou Margarita, Vlastos Dimitris, ANTONOPOULOU MARIA

12:25 1102 - Investigation of the genotoxic, cytotoxic and antigenotoxic potential of Prickly pear peel on human lymphocytes - Dormousoglou MARGARITA, Charalambous Nikolina, Dailianis stefanos, Vlastos Dimitrios, Antonopoulou Maria

12:30 1092 - PHOTOCATALYTIC DEGRADATION of PHARMACEUTICAL COMPOUNDS UNDER DIFFERENT IRRADIATION SYSTEMS - Alexandra Spyrou, Tzamarina Anna, MARIA ANTONOPOULOU

C. Session Chairman: Taner Uçar

13:30 2538 - Lateral strength-based seismic evaluation of an unreinforced masonry building - Necibe Vatansver Erol, Ahmet Vefa Orhon, Taner Uçar

13:45 2560 - Interramp slope design of an open pit mine resting on hanging wall - Tümay Kadakci Koca, Mehmet Yalçın Koca

14:00 2548 - An Investigation on Plan and Facade Characteristics of High-Rise Buildings - Eralp Kaya, Taner Uçar

14:15 2545 - A Novel Dataset On Thin Section of Loftusia Genus For Artificial Intelligence and Image Processing Studies - Kübra Yayan

14:30 2530 - A Study of a blasting operation in a open pit mine with gpcss/h simulation program - Necmettin Çetin

14:45 2552 - The influence of melt mixing time on the properties of multiwalled carbon nanotube/polyamide 11/poly(lactic acid) nanocomposites - BEDRİYE ÜÇPİNAR DURMAZ, Elnura Artykbaeva, AYSE AYTAC

15:00 2558 - Optimization of the Cooling Parameters of a 250 kW PMSM by Taguchi Method - Mert Bedirhan Genc, Rami Habash, Gamze Gediz Ilis

15:15 2554 - Investigation of effects of graphene nanoplatelets on the properties of carbon fiber reinforced polyamide 11/poly (lactic acid) composites - BEDRİYE ÜÇPİNAR DURMAZ, Ayşe Aytaç

15:30 2562 - Comparative life cycle assessment of metalworking in shipyards - Mehmet Onal

D. Session Chairman: Isabela Maria Simion

16:00 2540 - Toxic effects of Ni(II) and Pb(II) to *Origanum vulgare* L. seeds and early stage seedlings - Laura Hagiu Zaleschi, Isabela-Maria Simion, Maria APOSTOL, Raluca-Maria Hlihor

16:15 2544 - Palynotaxonomical survey of the section Multicaulia of the genus *Hedysarum* (Fabaceae) in Turkey - Burcu Yılmaz Çitak

16:30 2541 - EFFECTS ON GERMINATION AND TOXICITY INDEX OF *Ocimum basilicum* L. UNDER HEAVY METALS STRESS - Isabela Maria Simion, Raluca Maria Hlihor, Laura Hagiu Zaleschi, Maria Apostol

16:45 2551 - Cytotoxic Effect of *Punica granatum* L. Extract on Hep3B (liver) cancer cell line - Dua Danjulli-Hashani, Sebnem Selen-Isbilir

17:00 2565 - Evaluation of the Cytotoxic and Anti-inflammatory Effects of Melanoma-Targeted Nanostructured Lipid Carriers on Melanocytes, Macrophages, and 3D-Cancer - Hande Balyapan

17:15 2549 - Effect of nozzle tip geometry on droplet diameter falling down string - Bora Dogan, Ismail Teke

17:30 2550 - Numerical study of the heat transfer of a battery pack consisting of cylindrical and plate-shaped lithium-ion batteries connected to a solar system in an air duct - Nevzat Akkurt

17:45 2542 - The forecast of Value of lost load in Slovenia - Jerneja Bogovič

18:00 2543 - Review of the reliability standards in EU electric power system - Jerneja Bogovič