

7th ICNTC SEPTEMBER 25-26, 2021

25 SEPTEMBER 2021 SATURDAY

Online access : with given username and password.

10:00 – 10:10

Welcome Speech

: Assoc. Prof. Dr. Dolunay SAKAR DASDAN / Conference Chair
Yildiz Technical University, Turkey

10:10 – 11:00

Keynote Speaker

: Dr. Hatem AMIN / Cairo University, Egypt

Speech Title

: Oxygen Electrocatalysis at Metal Oxides and Sulfides: From Fundamentals

to Applications

11:00 – 11:15

B R E A K

SESSION A

SESSION CHAIR	Dr.Hatem AMIN	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:15 – 11:30	Powder Mixtures of β -Tricalcium Phosphate and Potassium Hydrosulfate Homogenized Under Mechanical Activation For Ceramics Preparation	Tatiana SAFRONOVA , Marat AKHMEDOV, Tatiana SHATALOVA, Snezhana TIKHONOVA, Gilyana KAZAKOVA, Maksim KAIMONOV, Alexander KNOTKO
11:30 – 11:45	Olive Leaf Extract and Potential of Transdermal Application	Hicran BELLUCCI , Ozlem DOGAN
11:45 – 12:00	Antioxidant Activity of <i>Rumex Patientia L.</i> Leaves and Analysis of Its Polyphenol Contents By Lc-Ms/Ms	Derya ALTINTAS , Yesim YESILOGLU
12:00 – 12:15	Theoretical and Experimental Photodegradation of Phosmet Via Oxidation Techniques in The Presence of Aqueous TiO ₂ Suspension	Bahar EREN , Yelda YALCIN GURKAN

12:15– 13:15

LUNCH BREAK

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SESSION B

SESSION CHAIR	Dr.Emel AKYOL	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
13:15 – 13:30	Determination of Some Metal Levels in Exotic Fruits by ICP-OES	Ayca KARASAKAL
13:30 – 13:45	Antibacterial Surface Properties of Polyester Fibers With Cu-Based Mof	Betul YENIDOGAN, Sennur DENIZ
13:45 – 14:00	Surface Modification of Zeolite and Kaolin with Different Silanization Agents	Cem OZEL, Cansu AKAT, Rasim ALASMANOV, Muhammet U. KAHVECI, Ceren EMIR, Sevil YUCEL
14:00 – 14:15	Gas Separation Properties of Mixed Matrix Membranes Prepared With Graphene Oxide	Sevgi CANCA, Sennur DENIZ

14:15 – 14:30	B R E A K
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SESSION C

SESSION CHAIR	Dr.Sevil YÜCEL	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
14:30 – 14:45	Biodegradable Flexible PLA/PCL Films With Natamycin and Nanocellulose	Nudem KAHRAMAN, Sennur DENIZ
14:45 – 15:00	Photocatalytic Degradation of Methylene Blue By Nano-Titanium Dioxide Composites	Emel AKYOL, Guldeniz TONBUL
15:00 – 15:15	Colorimetric Method For Insulin Detection Using a New Magnetic Nanozyme	Burcu GOKCAL, Kadriye Özlem HAMALOGLU
15:15 – 15:30	Investigation of Controlled Drug Delivery of Ethyl Cellulose	Busra TURAN, Pelin DEMIRCIVI
15:30 – 15:45	Preparation of Sulfonimide Functional Proton Conducting Polymers	Elif Busra CELEBI, Ferda HACIVELIOGLU
15:45 – 16:00	Synthesis and Characterisation of a Glutathione-Stransferase (hGSTP1-1) Single Nucleotide	Sadhna MATHURA

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Polymorphs (Part II)

16:00 – 16:15

B R E A K

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POSTER SESSION A

SESSION CHAIR	Dr.Yelda YALÇIN GÜRKAN	5 min oral presentation after that questions from participants
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
16:15	Preparation of Gelatin Coated Alginate Capsules	Gulzhan YERLAN , Bakyt TYUSSYUPOVA, Sagdat TAZHİBAYEVA, Kuanyshbek MUSABEKOV
16:45	Synthesis and Characterization of Terpyridine Functional Cyclophosphazene	Elif Büşra ÇELEBİ , Halil DUYAR, Ferda HACIVELİOĞLU
	Investigation of Trace and Major Element Concentrations of Almond Milk by Using an Inductively Coupled Plasma Optical Emission Spectrometer	Ayca KARASAKAL
	Synthesis and Characterization of LDH Materials and Their Application in Wastewater Treatment	Abderrahmane HIRI , Achour DAKHOUCHE, Kamel NOUFEL Kamel NOUFEL

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26 SEPTEMBER 2021 SUNDAY

SESSION D

SESSION CHAIR	Dr.Bahar Eren	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
09:30 - 09:45	Determination of Human Papillomavirus-11 with Impedimetric CRISPR Biosensor	Zihni Onur UYGUN
09:45 – 10:00	Thermal Analysis and Isoconversional Kinetics Study of Thermal Decomposition of Polycyclohexene Oxide Polystyrene (PCHO-PSt) Comb-Shaped Polymer	Hacer DOLAS, Nasrettin GENLI
10:00 – 10:15	CRISPR-dCas9 Based Biosensor System for Detection of Sickle Cell Anemia	Hilmiye Deniz ERTUGRUL UYGUN
10:15 – 10:30	Phenol Containing Bodipy Functionalized Anderson Type Pom: Synthesis, Characterization and Photophysical Properties	Seda CETINDERE
10:30 – 10:45	Determination of Free Energy Difference Between Anomaly Solid-Liquid Phase Transitions of Silicon Using Pseudo-Supercritical Thermodynamic Path: A Molecular Dynamics Study	Chandan K DAS
10:45-11:00	Investigation of Stability and Activity of Poly(ethylene-alt-maleic anhydride) Copolymer in Different pHs and Simulated Body Fluids	Dolunay ŞAKAR DAŞDAN

11:00– 11:15	B R E A K
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SESSION E

SESSION CHAIR	Dr.Dolunay ŞAKAR DAŞDAN	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:15 – 11:30	Production And Characterization of Composite Scaffolds By Electrospinning Technique From Bioceramics Synthesized From Seashells	Sema Nur SAHIN , Erdi BULUS, Demet Sezgin MANSUROGLU, Bahadir BOZKURT, Aziz KORKUT, Yesim Muge SAHIN
11:30 - 11:45	New Approaches in Green Chemistry: Vaniline Based Imin Synthesis and Wound Dressing Production by Nanotechnology	Yeşim Müge SAHIN , Erdi BULUS, Demet Sezgin MANSUROGLU, Bahadir BOZKURT, Hatice Dilara SARAC, Funda OZKOK, Nihal ONUL, Tatyana TISHAKOVA, Gulru OZAY
11:45– 12:00	Synthesis and Dielectrophoretic Alignment of Metal Oxide Nanowires for Applications in Diverse Devices	Raitis SONDORS , Davis GAVARS, Matiss RAMMA, Donats ERTS, Jana ANDZANE
12:00 - 12:15	The Biosphere Self-Organization Attractors Drive Perfect Order Homeostasis Reactions to Link Bioenergetic with Functionally Activate Oxygen and Carbon Dioxide Molecules	Aris KAKSIS

12:15 – 12:30	CLOSING CEREMONY
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