

9th ICNTC MAY 19 – 21 , 2023

19 MAY 2023 FRIDAY

10:00 – 10:10

Welcome Speech

: Prof. Dr. Dolunay SAKAR/ Conference Chair
Yıldız Technical University, Turkey

10:10 – 11:00

Keynote Speech
Speech Title

: Prof. Dr. Heikki TENHU
: Polyelectrolytes – water soluble or not

SESSION A

SESSION CHAIR	Prof. Dr. Sevil YUCEL	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:00 – 11:20	HIGH RATE PROTOLYSIS ATTRACTORS ACTIVATE energy over zero $G_{(Pt)-GH_2O}=G_{CO_2gas}=0$ kJ/mol of indifferent (Pt), water and carbon dioxide FREE ENERGY CONTENT as BIOSPHERE Self- ORGANIZATION for PERFECT ORDER IRREVERSIBLE HOMEOSTASIS SUSTAINING the PROGRESS of BIOENERGETIC, EVOLUTION and SURVIVAL	Aris KAKSIS
11:20 – 11:40	VISIBLE LIGHT-DRIVEN PHOTOCATALYTIC HYDROGEN EVOLUTION ON DYE-SENSITIZED BISMUTH PHOSPHATE	Gizem YANALAK , Kübra Turgut, Adem Sarılmaz, Faruk Ozel, İmren Hatay Patır, Mustafa Ersöz
11:40 – 12:00	EFFECT OF NITROGEN FERTILIZER APPLICATION ON PLANT USABLE NITROGEN SPECIES IN SOIL DURING SORGHUM GROWING SEASON ON MARGINAL LANDS IN ONTARIO, CANADA	Julia LU
12:00 – 12:20	EXAMINATION OF THE CATALYTIC EFFECT OF CARBON DERIVATIVE METALLIC NANOMATERIALS ON POLLUTANTS IN WATER	Didem AYDIN , Ilkay Hilal GUBBUK, Mustafa ERSOZ
12:20 – 12:40	A SURFACE NETWORK BASED ON OXIDATIVE GRAPHENE OXIDE FOR THE DETERMINATION OF HYDROQUINONE AND CATECHOL IN GROUND AND WASTEWATER SAMPLES	Khudaish EA
12:40 – 13:00	PREPARATION AND CHARACTERIZATION OF POLYSACCHARIDE BASED ORAL FILMS FOR QUETIAPINE FUMARATE RELEASE	Merve YAMAN AGIRMAN , Ilknur KUCUK

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13:00 – 14:00	LUNCH B R E AK LUNCH IS NOT INCLUDED INTO REGISTRATION FEE
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SESSION B

SESSION CHAIR	Prof. Dr. Nuriye AKBAY	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
14:00 – 14:20	DEGREDDATION REACTION KINETIC OF 6-APA	Seyda AYDOĞDU , Arzu Hatipoglu
14:20 – 14:40	DETERMINATION OF PHYSIOCHEMICAL PROPERTIES OF PRIMARY METABOLITES OF AN ANTIDEPRESSANT DRUG BY MOLECULAR MODELING	Simal KURUMOĞLU , Yelda YALÇIN GÜRKAN
14:40 – 15:00	CALCULATING ANALYSIS OF SEASONAL CHANGES AND DEGRADATION REACTIONS OF PESTICIDES IN SURFACE WATERS FEEDING SÜLEYMANPAŞA DISTRICT, TEKİRDAĞ	Cigdem SAYIKLI SIMSEK , Yelda YALCIN GURKAN
15:00 – 15:20	SCREENING OF SUPPORTED BIMETALLIC Fe CATALYSTS FOR LIGHT OLEFIN PRODUCTION in FTS: EFFECT OF SUPPORT MATERIALS	Deniz UYKUN MANGALOĞLU , Hüsni ATAKÜL
15:20 – 15:40	A STUDY TO UNDERSTAND THIOFLAVIN-T INTERACTION WITH AB PEPTIDES AND FIBRILS	Pelin GUZEL , Dila KAYA, Nuriye AKBAY

15:40 – 16:00	B R E AK
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SESSION C – POSTER SESSION

SESSION CHAIR	Prof. Dr. Julia LU, Prof. Dr. Sevil YUCEL	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
16:00	SYNTHESIS OF CNT BASED METALLIC NANOPARTICLES AS EFFECTIVE CATALYSTS FOR THE DEGRADATION OF ORGANIC POLLUTANTS WITH NABH ₄ IN WATER	Ilkay Hilal GUBBUK , Didem AYDIN, Mustafa ERSOZ
17:00	DEVELOPMENT OF METAL ORGANIC FRAMEWORK BASED MEMBRANES AND THEIR APPLICATION	Ilkay Hilal GUBBUK
	DYE-SENSITIZED CALCIUM TUNGSTATE (CaWO ₄) STRUCTURE FOR PHOTOCATALYTIC HYDROGEN GENERATION WITH VISIBLE LIGHT	Imren Hatay PATIR , Kübra Turgut, Gizem Yanalak, Adem Sarılmaz, Faruk Ozel, Mustafa Ersöz
	REMOVAL of PYRACLOSTROBIN, PINOXADEN, GAMMA-CYHALOTHRIN PESTICIDES FROM GROUNDWATER BY DFT METHOD	Hidayet GUREL YORULMAZ, Burak GURKAN, Yelda YALCIN GURKAN

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	ELECTRONIC PROPERTIES OF PLATIN-BASED ANTICANCER DRUGS	Mert Evirgen, Seyda Aydogdu, Arzu HATIPOGLU
	LaNiO ₃ CATALYSED AMINATION OF PHENOLS	Anna Adel ADAM , Sándor Balázs NAGY, Szilveszter ZIEGENHEIM, Pál SIPOS, Gábor VARGA
	SYNTHESIS AND CHARACTERIZATION OF POLY(ETHYLENE-ALT-MALEIC-ANHYDRIDE)-PREGABALIN (1:1) RATIO CONTROLLED DRUG DELIVERY SYSTEM WITH CATALYST FREE MEDIA	Ozge ESLEK , Dolunay ŞAKAR
	CHOOSING A SECOND ADSORBENT TO SAMPLE VOLATILE ORGANIC COMPOUNDS IN BIOMASS GASIFICATION TAR	Aleksandrs I. PUCKINS , Sergejs D. OSIPOVS
	EFFECT OF ANIONIC/NONIONIC EMULGATOR SYSTEMS ON THE PROPERTIES OF WATER BASED STYRENE/ACRYLIC COPOLYMER PAINT BINDERS	Berfin Ceyda AYHAN, Dolunay SAKAR , Emine Cansu TARAKÇI
	CHEMICAL PVA HYDROGELS AS CLEANING DEVICE OF ANCIENT SURFACES	Martina REDI , Ozge ESLEK, Ester CHIESSI, Fabio DOMENICI, Gaio PARADOSSI
	COMPARATIVE TECHNO-ECONOMIC ANALYSIS OF INDUSTRIAL-SCALE BIOBUTANOL PRODUCTION PROCESSES FOR AN EFFICIENT WASTE MANAGEMENT	Abdullah Bilal OZTURK , Tulin OZBEK ,

SESSION D – POSTER SESSION

SESSION CHAIR	Assoc. Prof. Dr. Emel AKYOL, Assoc. Prof. Dr. Azmi Seyhun KIPCAK	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
17:00	STUDY OF THE TOXICITY OF BENZANTHRONE LUMINESCENT DYES	Jelena KIRILOVA , Marina SAVICKA, Alise KIRILOVA, Armands MALECKIS, Tatjana GRIGORJEVA
	ANALYTICAL METHOD FOR THE DETERMINATION OF TAR PRODUCED FROM THE PYROLYSIS OF WASTE TYRES	Sergejs D. OSIPOVS , Aleksandrs I. PUČKIN
18:00	EVALUATION OF NOVEL DESIGNED DELICIOUS PEPTIDES FOR IMPROVING TASTE SENSATION	Ahmet Cenk ANDAÇ, Sevil YUCEL , Cem ÖZEL, Ceren KEÇECİLER , Kevser KÖKLÜ
	SYNTHESIS AND CHARACTERIZATION OF COBALT SULFIDE LAYERS	Asta BRONUSIENE , Skirma ZALENKIENE, Ingrida ANCUTIENE, Remigijus IVANAUSKAS
	SYNTHESIS AND CHARACTERIZATION OF TIN SULFIDE NANOPARTICLES	Asta BRONUSIENE
	ASSESSMENT OF OXIDATIVE STRESS BY DETECTION OF H ₂ O ₂ IN RYE SAMPLES USING A	Irena MIHAILOVA , Vjaceslavs GERBREDERS, Marina KRASOVSKA,

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	MULTIELECTRODE ELECTROCHEMICAL SENSOR	Valdis MIZERS, Eriks SLEDEVSKIS
	CONVOLUTIONAL NEURAL NETWORK-BASED EVALUATION OF CHEMICAL MAPS OBTAINED BY FAST RAMAN IMAGING FOR PREDICTION OF TABLET DISSOLUTION PROFILES	Boldizsár ZSIROS , Dorián László GALATA, Gábor KNYIHÁR, Orsolya PÉTERFI, Lilla Alexandra MÉSZÁROS· Ferenc RONKAY, Brigitta NAGY, Edina SZABÓ, Zsombor Kristóf NAGY, Attila FARKAS
	THE IMPACT OF STRUCTURE OF SELECTED CATIONIC LIPIDS ON PHYSICOCHEMICAL PROPERTIES OF MODEL MAMMALIAN MEMBRANES	Marzena MACH , Paweł WYDRO
	EFFECT OF ALKALINE EARTH IONS ON THE BEHAVIOUR OF ALKYL BENZENE SULFONATES	Szilveszter ZIEGENHEIM , Anna Adél ÁDÁM, Csaba BÚS, Bence KUTUS, Pál Sipos, László JANOVÁK, Imre DÉKÁNY

18:45 – 22:00	GALA DINNER Participants who registered as FULL PACKAGE has free Access to Dinner
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20 MAY 2023 SATURDAY

10:20 – 11:00

Keynote Speech
Speech Title

: Prof. Dr. Sefik SUZER

: XPS, A Chemical Analysis Tool for Exploring Electrical Properties of Liquid/Solid Interfaces

SESSION E

SESSION CHAIR	Assoc. Prof. Dr. Emel AKYOL	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:00 – 11:20	EFFECTS OF ALCOHOLS ON SODIUM DODECYLSULPHATE'S SOLUTION CHEMISTRY PROPERTIES AND DISSOLUTION OF CASDS ₂ PRECIPITATES	Csaba BUS , Pál Sipos, Bence Kutus
11:20 – 11:40	DNA BINDING STUDIES FOR SOME SMALL MOLECULES	Ayşegül GOLCU
11:40 – 12:00	EFFECTS OF DRYING METHODS ON THE DRYING KINETICS OF BLANCHED BROWN CRAB MEAT	Zehra Ozden OZYALCIN, Azmi Seyhun KIPCAK

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12:00 – 12:20	PHOTOCATALYTIC ACTIVITY of TiO ₂ -Cu-METAL-ORGANIC FRAMEWORK (MOF)	Ayşenur KATIRCI, M. Efgan KİBAR, Filiz UGUR NIGIZ
12:20 – 12:40	PERVAPORATIVE DESALINATION BY PHOSPHOMOLYBDIC ACID/PVA HYBRID MEMBRANE	Derya UNLU
12:40 – 13:00	THE EFFECT OF ULTRASOUND PRETREATMENT ON THE OVEN AND VACUUM OVEN DRYING KINETICS OF BLUEBERRIES	Zeyd Emin TAŞÇI, Ekin KIPCAK

13:00 – 14:00	LUNCH B R E A K LUNCH IS NOT INCLUDED INTO REGISTRATION FEE
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SESSION F

SESSION CHAIR	Prof. Dr. Aysegul GOLCU	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
14:00 – 14:20	POLYSACCAHARIDE BASED FILMS FOR A TRANSDERMAL DRUG DELIVERY SYSTEMS	Deniz EKSI, İlknur KÜÇÜK
14:20 – 14:40	ZR-BASED METAL ORGANIC FRAMEWORK FILLED MEMBRANE SYNTHESSES AND APPLICATION FOR CO ₂ /N ₂ SEPARATION	Filiz UGUR NIGIZ
14:40 – 15:00	2-(((3-CHLOROPHENYL)IMINO)METHYL)-4-NITROPHENOL: SYNTHESIS, MOLECULAR AND MEDICINAL STUDIES	Songul SAHIN, Necmi Dege
15:00 – 15:20	POLYACRYLIC ACID AND POLYACRYLIC ACID SODIUM SALT AS INHIBITORS OF CALCIUM OXALATE CRYSTAL FORMATION	Ahmed sadeq Abdo Esmail AL-DUBAI, Emel AKYOL

15:20 – 16:00	COFFEE B R E A K
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16:00 – 16:30	CLOSING CEREMONY
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21 MAY 2023 SUNDAY

	FREE DAY
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