WATER QUALITY IN THE ARMUTLU BEACH

Esin BOZKURT KOPUZ[1]

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Abstract

There is an ongoing relationship in terms of fishing, tourism and transportation both socially and economically on the coasts. It is important to investigate the dynamics of the coasts in terms of people who use them as recreation areas and aquatic creatures that use them as living spaces. For this purpose, the water quality was examined by measuring the sea water temperature, pH, dissolved oxygen, salinity, and concentrations of As, Cd, Cu, Pb, Ni, and Zn daily between 5-14 August 2020 in Armutlu, Yalova. The levels of parameters were close to the previous studies. The order of heavy metal concentrations was: As > Pb > Zn > Cu > Ni > Cd. Armutlu coastline should be saved from pollution, destruction, and crass development.

Key Words: *sea water; water quality; heavy metals*

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Dear Colleagues,

I am honoured to invite and send you this call for papers on behalf of Conference Organisation Board of "**6th International Conference on New Trends in Chemistry**", to be held as based on Online Presentations dates between October 17-18, 2020

Conference was originally planned for April 2020 but due to the global spread of COVID-19 (Corona Virus) and The Council of Higher Education's declaration on "Measures to be Taken in Higher Education Institutions about COVID-19" (March 6, 2020) the conference is postponed to this **current date and will be organized based on online presentations.**

All informations are available in conference web site. For more information please do not hesitate to contact us. icnctcconference@gmail.com and info@icntcconference.com.

Limited number of oral and poster studies with the below mentioned topics will be accepted for our conference:

- Polymer Chemistry and Applications
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Selected papers presented oral will be published in one of the Science Citation Index Expanded Journal.

We kindly wait for your attendance to our conference to be held on 16 –18th of October 2020,

Respectfully Yours,
On Behalf of the Organization Committee of ICNTC Conference
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6th ICNTC 2020 | Conference Chair
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SCIENTIFIC PROGRAM

17 OCTOBER 2020 SATURDAY

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08:50 – 09:00
Welcome Speech : **Assoc. Prof. Dr. Dolunay SAKAR DASDAN /** Conference Chair
Yildiz Technical University, Turkey

09:00 – 09:40
Keynote Speaker : **Assoc. Prof. Dr. Sameh BOUDIBA** / Tebessa University, Algeria
Speech Title :Anthracene Based Conjugated Polymers for Optoelectronic Applications

09:40 – 09:45	**B R E AK**

SESSION A

SESSION CHAIR	**Assoc. Prof. Dr. Dolunay SAKAR DASDAN** Yildiz Technical University	
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
09:45– 10:00	Effect of Incorporation of Zinc Oxide on the Properties of PHBV	**Semra KIRBOGA**
10:00– 10:15	Green synthesis of ZnO particles and their application as catalysts in the transesterification of methyl benzoates	**Mohamed Soliman**, Elisabete Alegria, Ana Ribeiro, Marta Alves, Fátima Montemor and Armando Pombeiro
10:15– 10:30	Antibacterial Activity and Physical Properties of Bovine Gelatıne-Chitosan Wound Dressing Films Supplemented With Propolis	**Ilknur KUCUK**, Nigar YILDIRIM
10:30– 10:45	The Effects of Additives on Particle Size and Morphology of Barium Sulfate Crystals	Egemen OYMAN, **Emel AKYOL**
10:45– 11:00	Computational Examination of Degradation Reactions of Precious Endocrine Disruptors Molecules Through Surface Water	**Simal KURUMOGLU**, Yelda YALCIN GURKAN
11:00– 11:15	Molecular Sensors: Design, Synthesis and Practical Applications	**Erman KARAKUS**
11:15– 11:30	Theoretical and Molecular Docking Analysis of Silver-nhc Complexes as a Potential Anticancer Agent	**Neslihan SAHIN**, Elvan USTUN
11:30– 11:45	Structure of Drug-Polymer Composites Prepared by Nano Spray Dryer	**Mirella MIRANKO**, Laszlo TRIF, Judit TOTH, Tivadar FECZKO
11:45- 12:00	Polymorphism and Topochemical Reactivity in Fusedring Heteroaromatics	**Fabio BORBONE** , Roberto CENTORE , Emmanuele PARIS , Antonio CARELLA

17 OCTOBER 2020 SATURDAY

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SESSION B

SESSION CHAIR	**Prof.Dr.Sevil YUCEL** Yildiz Technical University	
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
13:00-13:15	Biodegradable Zwitterionic Nanoparticles With a Biologically Relevant Ucst at Physiological Salt Concentration	**Mattia SPONCHIONI**, Umberto CAPASSO PALMIERO, Davide MOSCATELLI
13:15 – 13:30	New Voltammetric Method for Determination and Electrochemical Behaviors of Oxaliplatin by cpt-bdd Electrode	**Mehmet ASLAN**, Abdulkadir LEVENT
13:30 – 13:45	Synthesis of Poly (Methyl Vinyl Ether-Co-Maleic Anhydride)-Cu+2-Bovine Serum Albumin Biocomplex and Investigation of Different pHs and Salt Concentration Effects on The Stability of Poly (Methyl Vinyl Ether-Co-Maleic Anhydride)-Cu+2-Bovine Serum Albumin Biocomplex in Aquous Solutions	Rahime Bilge BORKLU, **Dolunay SAKAR DASDAN,** Mesut KARAHAN
13:45 – 14:00	Development of Nanostructured-Graphene-Supported Silver Nanoparticles as Catalysts for Electroreduction of Oxygen in Alkaline Electrolyte	**Sylwia ZOLADEK**, Magdalena BLICHARSKA-SOBOLEWSKA, Agnieszka ZLOTOROWICZ, Iwona Agnieszka RUTKOWSKA, Krzysztof MIECZNIKOWSKI, Enrico NEGRO, Vito DI NOTO, Pawel KULESZA
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14:15 – 14:30	Novel Electrochemical Biosensing of Tyramine Based on Fe_2o_3 NPs-Multiwall Carbon Nanotubes-Hexaammineruthenıum-Chitosan Modified Glassy Carbon Electrode	**Berna DALKIRAN**
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14:45– 15:00	One Pot Synthesis of Piperidine Derivatives and Evaluation of Their Anticancer Potential	**Zulfiqar Ali KHAN**

15:00-15:15	**B R E AK**

17 OCTOBER 2020 SATURDAY

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SESSION C

SESSION CHAIR	**Mattia SPONCHIONI** Politecnico di Milano	
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
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15:30– 15:45	Water Quality in the Armutlu Beach	**Esin BOZKURT KOPUZ**
15:45– 16:00	New Voltammetric Strategy for Determination and Electrochemical Behaviors of Metformin by Pencil Graphite Electrode	**Yalcin ALTUNKAYNAK**, Omer YAVUZ, Abdulkadir LEVENT
16:00– 16:15	Facile Access to O-Heterocycles Using N-Methyl-1-(Methylthio)-2-Nitroethenamine (NMSM)	**Musawwer KHAN**, Saigal and Sumbulunnesa SHAREEF
16:15– 16:30	Bodipy Functionalized Molecular Metal Oxides: Synthesis, Characterization and Properties	**Seda CETINDERE**
16:30– 16:45	Antiproliferative Silver-NHC Complexes: Structural and Global Reactivity Descriptor Analysis and Molecular Docking Study	**Elvan USTUN**, Neslihan SAHIN
16:45- 17:00	Thermal and Mechanical Properties of Continuous Glass Fiber/Pet Composites	**Melis Eldem HEPER**, Sennur DENİZ
17:00- 17:15	Iridium Oxide İmmobilized On Cerium Oxide For Enhanced Water Oxidation	**Kadriye Özlem HAMALOĞLU,** Rukiye BABACAN TOSUN, Ali TUNCEL
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POSTER SESSION A

SESSION CHAIR	**Prof. Dr. Mustafa GAZI** Eastern Mediterranean University **Assoc. Prof. Dr. Yelda YALCIN GURKAN** Namik Kemal University **Assoc. Prof. Dr. Elvan ÜSTÜN** Ordu University	**5 min oral presentation after that questions from participants**
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
17:30-18:30	Effect Of N-Butanolic Extract Of A Plant Growing Spontanusely In Central Algeria As An Additive In Electrodeposition	**Karima HANINI1**, Sameh BOUDIBA, Merzoug BENAHMED, Hocine LAOUER and Louiza BOUDIBA
	Electrochemical Oxidation of Vildagliptin on Pencil Graphite Electrode: Extremely Sensitive Determination in Drugs and Human Urine With Square Wave Voltammetry	**Yalcin ALTUNKAYNAK**, Omer YAVUZ, Abdulkadir LEVENT
	Computational Examination of Degradation Reactions of Butralin	**Simal KURUMOGLU**, Yelda YALCIN GURKAN
	The Properties of Phbv/Caco3 Composites Prepared by Melt Processing	**Semra KIRBOGA**, Mualla ONER
	Determination of Hexanal as Marker of Lipid Oxidation in Edible Oils by Headspace Gas Chromatography	**Birute BUGELYTE**, Gintare PIPIRAITE, Vilius POSKUS, Vida VICKACKAITE
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		LENDVAY ,Rita SKODA-FOLDES

18 OCTOBER 2020 SUNDAY

09:00 – 09:30
Invited Speaker : **Prof. Dr. Mustafa GAZI** / Eastern Mediterranean University – North Cyprus
Speech Title : Chitosan Based Adsorbents for Boron Removal from Aqueous Solutions

SESSION D

SESSION CHAIR	**Prof. Dr. Huriye ICIL** Eastern Mediterranean University	
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
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09:45– 10:00	Zn-Chitosan Nanoparticles as Ecofriendly Priming Agent: Re-Modulate Antioxidant Potential and Biochemical Attributes in Wheat Seeds for Sustainable Productivity	Hameed ARRUJE, Khalid ALVINA, Hameed AMJAD, Ahmed TOHEED, **Farooq TAHIR**
10:00- 10:15	Mechanical Properties of Biodegrarable PLA/PCl Blend Films Prepared With A-Tocopherolf	**Nudem DENIZ**, Sennur DENIZ
10:15– 10:30	Synthesis and Alpha-Glucosidase Inhibition Studies of 1,2-Benzothiazine Derivatives	**Matloob AHMAD**
10:30– 10:45	Sodium Nitroprusside Mediated Priming Memory Invokes Water-Deficit Stress Acclimation in Wheat Plants Through Physio-Biochemical Alterations	**Hameed ARRUJE**, Farooq TAHIR, Hameed,Amjad Sheikh Munir AHMAD
10:45– 11:00	Antimony Adsorption Study of Chitosan Produced From Caridea and Brachyura Shells	**Zehra Ozden OZYALCIN**, Azmi Seyhun KIPCAK
11:00– 11:15	Processability Improvement of Natural Rubber in Mastication Step by Residual Carbon Black Addition	**Merve PEHLIVAN**, Bora ATALIK, Sezgin GOKCESULAR
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11:30 – 11:45	**B R E AK**

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SESSION E

SESSION CHAIR	**Assist.Prof.Dr.Sennur Deniz** Yildiz Technical University	
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
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12:00– 12:15	Production of Biocomposite Tissue Scaffolds by Using Boron-Containing Bioactıve Glass and Collagen/Gelatin Hybrid Polymer for Bone Tissue Engineering	**Eda GUNEY**, Ceren KECECILER, Dilan ALTAN, Sevil YUCEL
12:15– 12:30	Novel N-4-Piperazinyl-Ciprofloxacin-Aniline Hybrids: Synthesis and in Vitro Biological Evaluation as Anticancer Agents	Rabia AKHTAR, **Ameer Fawad ZAHOOR**, Azhar RASUL, Matloob AHMAD, Muhammad Naveed ANJUM, Muhammad AJMAL and Zohaib RAZA
12:30- 12:45	A Novel Nanozyme for Colorimetric Detection Of L-Histidine	**Duygu YILDIRIM**, Cigdem KIP, Ali TUNCEL
12:45- 13:00	Optical Molecular Imaging: Fluorescent Smart Probes for Pathogen Detection	**Muhammed UCUNCU**

13:00 – 13:45	**LUNCH BREAK**

SESSION F

SESSION CHAIR	**Prof. Dr. Mustafa GAZI** Eastern Mediterranean University	
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
13:45– 14:00	Cyclodextrin-Calixarene Nanosponges for the Adsorption of Lead Ion From Aqueous Solution	**Salvatore CATALDO**, Alberto PETTIGNANO, Paolo Lo MEO, Demetrio MILEA
14:00– 14:15	Catalyic Effect of Amines on a Co2bol Absorption Performance	**Ozge YUKSEL ORHAN**
14:15– 14:30	Experimental and Theoretical Analysis of a Refrigeration System With Phase Change Material (PCM) Integration	**Tugce NOYA**, Bercem KIRAN YILDIRIM, Ebru MANCUHAN, Sibel TITIZ SARGUT
14:30– 14:45	Synthesis, Characterization and Structure of Chlorido Platinum(Iı) Saccharinate Complex Bearıng 1,1-Bis(Diphenylphosphino) Methane	**Ceyda ICSEL**
14:45– 15:00	Application Of Bismuth Film	**Gunay ONAL**, Yalcin

	Electrode in Determination Of Loratadine by Cathodic Stripping Voltammetry in the Presence of Cationic Surfactant	ALTUNKAYNAK, Abdulkadir LEVENT
15:00- 15:15	Effect of Temperature and Reaction Time on Structural, Morphological and Magnetic Properties of zn-doped fe_3o_4 Nanoparticles ($Zn_{0.25}Fe_{2.75}O_4$) Synthesized by the Hydrothermal Method	**Nurcan DOGAN**, Gulsum CALISKAN

18 OCTOBER 2020 SUNDAY

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15:15 – 15:45
Invited Speaker **: Prof. Dr. Huriye ICIL /** Eastern Mediterranean University – North Cyprus
Speech Title **:** Novel Bay-Substituted Perylene Bisimides

15:45 - 16:00	**B R E AK**

SESSION G

SESSION CHAIR	**Prof.Dr.Nursen SARI** Gazi University	
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
16:00- 16:15	Production of Novel Composite Films Based on Pva-Biosilica	Enver Can KILIC, Emel AKYOL, Burcu KARAKUZU IKIZLER, Ali Can OZARSLAN, **Sevil YUCEL**
16:15– 16:30	A Facile Method to Prepare Bismuth Doped Zno Photocatalysts and Their Photocatalytic Property	**Nazli TURKTEN**
16:30– 16:45	Chemical Reaction in Powder Mixtures of Calcium Hydroxyapatite and Potassium Hydrosulfate Under Mechanical Activation in Acetone Medium	**Tatiana SAFRONOVA**, Marat AKHMEDOV, Tatiana SHATALOVA,Snezhana TIKHONOVA, Gilyana KAZAKOVA
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17:00– 17:15	The Hydrolysis of Tert-Butylamine Borane By Using Ni-Zr-B Catalyst for Hydrogen Production	**Hatice Begum MURATHAN**, Goksel OZKAN
17:15 – 17:30	Rh-Based Ternary Catalyst for the Catalytic Dehydrogenation of Hydrazine Borane as an Chemical Hydrogen Storage Material	**Merve Rabia GURLUK**, Gülay OZKAN, Goksel OZKAN

17:30– 17:45	New Triazolo-Triazole Derivatives: Redox and Emission Properties and Cu(Iı) Complexes	**Sandra FUSCO** , Emmanuele PARISI , Sabato VOLINO , Carla MANFREDI , Roberto CENTORE

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POSTER SESSION B

SESSION CHAIR	**Prof. Dr. Huriye ICIL** Eastern Mediterranean University **Dr. Emel Akyol** Yıldız Technical University **Assoc. Prof. Dr. Nurcan DOGAN** ildiz Technical University	**5 min oral presentation after that questions from participants**
TIME	**PAPER TITLE**	**PRESENTER** / CO AUTHOR
17:45-18:45	A Spectrophotometric Investigation of the Interaction Between DNA and the Anticancer Drug Candidate Schiff Bases and Their Pt (II) Complexes	Elvan HASANOGLU OZKAN, Suheyla Pinar CELIK, Leyla ACIK, Ali DISLI, **Nursen SARI**
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	The Contribution of Electronegative Groups on The Synthesis and the Antimicrobial Effects of Tetrazol Compounds Containing Different Substitutent Groups	**Elvan HASANOGLU OZKAN**, Hatice OGUTCU, Ali DISLI, Nursen SARI
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	The Effects of Naphthenic Oil, BR, NR and Content of Vinyl in S-SBR on Passenger Tread Compounds	**Duygu KABAKOGLU**, Sezgin GOKCESULAR
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	Investigation of Switchable Polarity Solvents and Their Application in Claisen-Schmidt	**David ISPAN**, Rita SKODA-FOLDES

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	Aminocarbonylation in the Presence Of Supported Palladium Catalyst	**Eniko Nagy**, Bernadett ADAMCSIK, Mate PAPP, Bela URBAN, Rita SKODA-FOLDES
	CO_2 Methanatİon Wİth Ce Promoted Ni Catalyst Supported on Mixed Materials of Al_2O_3 and Y_2O_3	**Nyamsuren BATTUMUR**, Enkhsaruul BYAMBAJAV
	Antioxidant Activity of New Glycoconjugates Containing Selenium	**Luigia SERPICO**, Mauro De NISCO, Flavio CERMOLA, Michele MANFRA, Claus JACOB, Silvana PEDATELLA
	Preparation of Calcium Polyphosphate Powder Containing Amorphous Carbon	**Tatiana SAFRONOVA**, Yanis PAIANIDI, Tatiana SHATALOVA, Yaroslav FILIPPOV, Gilyana KAZAKOVA, Umarali UMIROV, Otabek TOSHEV
	Synthesis And Characterızatıon Of Phosphazene-Based Epoxy Bınders	**Elif Busra CELEBI**, Halil DUYAR, Cengiz AYAR Rumeysa BARAN, Ferda HACIVELIOGLU
	Tetra 7-Oxy-4-(Pyrıdın-3-Yl)Coumarin Substituted Copper (Iı) and Cobalt (Iı) Phthalocyanines: Synthesis, Spectroscopic Properties and Theoretical Study	**Yelda YALCIN GURKAN**, Simal KURUMOGLU, Caner Yahya BOYAR, Yasemin KESKEK KARABULUT, Meryem CAMUR

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