

09.09.21

16:30-17:00 Opening Remarks / Chair: Prof. Dr. Deniz Üner

17:00-17:50 *Planery Talk*, Jeffrey A. Reimer, Our Changing Atmosphere: Evidence That Demands a Verdict

17:50-18:00 Break

18:00-18:20 Doruk Dođu, An Alternative Method For Ammonia Synthesis By Electrocatalysis Using Nitride Conducting Solid Electrolytes

18:20-18:40 Başar Çađlar, Electrooxidation of Glycerol on Monometallic and Bimetallic Catalysts-Containing Porous Carbon Cloth Electrodes in Alkaline Medium

18:40-19:00 Nihat Özer Uçar,
Use of Carbon Nanofiber Produced by Electrolysis of Carbon Dioxide as Catalyst in Hydrogen-Bromine Flow Battery

19:00-19:20 Şansım Bengisu Barım, Supercritical CO₂ Assisted Preparation of Pt Nanoparticles on Polyamide Aerogel Derived N-Doped Carbon Aerogels as Highly Active and Stable Oxygen Reduction Electrocatalysts

19:20-19:40 Berkan Atman, Theoretical Investigation Of The Semiconductor Thin Films And Their Applications As Gas Sensor

Zoom Link : <https://zoom.us/j/98211892450?pwd=S2hod21UeEkyNkszYTlGddVzTmJzQT09>

10.09.21

Chair: Prof. Dr. Gürkan Karakaş

10:00-10:50 *Planery Talk*, Johannes A. Lercher, Sorption and Catalysis at the Liquid-Solid Interface

10:50-11:10 Ali Can Kızılkaya, Effect of Sulfur on Selectivity of Cobalt Catalyzed Fischer-Tropsch Synthesis: Insights from Molecular Modelling

11:10-11:30 Gamze Gümüşlü Gür, Effect of promoter and synthesis method on catalytic performance of Fe based FT-Olefin catalysts

11:30-12:00 Gökhan Çelik, Catalytic Upcycling of Single-Use Polyolefins into Lubricants: A Path Forward for Circular Economy

12:00-13:30 Lunch

13:30-13:50 Dilek Varışlı, Alumina Supported Cobalt and Iron incorporated Catalysts for Clean Hydrogen Production in Microwave Reactor System

13:50-14:10 Emrah Özensoy, Unraveling the spectral fingerprints of catalytic sulfur poisoning with nanometer scale resolution via near-field nano-FTIR spectroscopy

14:10-14:30 Nazlı Keşan, Dry Reforming of Methane in the Presence of Sulfur over Nickel-Copper Based Catalysts

14:30-14:50 Merve Sarıyer, Steam Reforming of Ethanol with Nickel Impregnated Silica Aerogel

14:50-15:10 Orhan Özcan, Hydrogen Production by Methanol Steam Reforming on a Commercial Water Gas Shift Catalyst

Chair: Prof. Dr. Ramazan Yıldırım

15:10-15:20 Break

15:20-15:40 Azime Arıkaya, Polyol Synthesis by Methanolysis of Epoxidized Soybean Oil over Ti-SBA-15 and Its Sulfated Form Catalysts

15:40-16:00 Yaşar Zengin, Acrolein production via glycerol dehydration with hexagonal WO₃ material

16:00-16:20 İklim Gökçe, Catalytic Conversion of Methane to Methanol over Iron-Exchanged Zeolites

16:20-16:40 Birce Pekmezci Karaman, Development of Bifunctional Catalyst for Direct Synthesis of Dimethyl Ether; Effect of Synthesis Route

16:40-17:00 Mustafa Karatok, Role of Oxygen Species on Formaldehyde Selectivity in Methanol Oxidation Reaction on Silver Catalyst

17:00-17:10 Break

17:10-17:40 Poster Session

Zoom Link: <https://zoom.us/j/92104497242?pwd=WHI3bWt4bIszZXBUVDZPYjNZRHFFUT09>

11.09.21

Chair: Prof. Dr. Emrah Özensoy

9:00-10:00	Poster Presentation
10:20-10:40	Meryem Samancı, Synthesis and Characterization of Chemically Reduced Graphene Oxide Originated Aerogels as Catalyst Support Material
10:40-11:00	Aslı Onay, Synthesis, Characterization, and Photocatalytic Performance Tests of TiO ₂ Nanomaterials
11:00-11:20	Begüm Yılmaz, On monitoring thermal effects during photocatalysis
11:20-11:40	Elif Can, Enhanced Photocatalytic Hydrogen Production over [BMIM][BF ₄] Coated and N719 Sensitized Pt/TiO ₂
11:40-11:50	Break
11:50-12:10	Onur Davuça, Super Plasticizer Polymer Synthesis
12:10-12:30	Fatih Güleç, Regeneration of coke on FCC catalysts with chemical looping combustion
12:30-12:50	Yasemin Kaya, A DFT Study of CO ₂ Hydrogenation to Methanol on Ga ₂ O ₃ Surface
12:50-13:10	Yuxin Zhao, Interplay between Copper Nanoparticle Size and Oxygen Vacancy on Mg-Doped Ceria Controls Partial Hydrogenation Performance and Stability
13:10-14:00	Lunch / Poster Presentation
<i>Gülşen-Timur Doğu Special Session</i>	
Chair: Prof. Dr. Dilek Varışlı	
14:00-14:30	Opening Remarks
14:30-15:00	Gülşen Doğu-Timur Doğu, Seventy-Five Years of Applied Catalytic Kinetics and Chemical Reaction Engineering
15:00-15:30	Sena Yaşyerli, Sürdürülebilir Çevre için Kimyasal Proseslerde Kükürt'ün Geri Kazanımı
15:30-16:00	Tunçer Özdamar, Biocatalysis: Smart BioCatalytic Systems Design
16:00-16:30	Dilek Varışlı, Catalytic Studies on Decomposition of Ammonia: An Environmentally Friendly Way of Clean Hydrogen Production
16:30-17:00	Türkan Kopaç, Process Intensification Applications for Adsorptive Separations, Gs Capture and Storage
17:00-17:55	<i>Planery Talk</i> , Umit Ozkan, High-temperature Co-electrolysis of CO ₂ and H ₂ O on Lanthanum Ferrite-type Perovskite Oxide Cathodes
17:55-18:30	Closing remarks

Zoom Link: <https://zoom.us/j/94320393290?pwd=bWdXN3N3Z2dGV0M4ZHZ0dHJlDDl0Zz09>

12.09.21

FREE TIME