

ORAL PRESENTATIONS

19 SEPTEMBER 2024 THURSDAY

19 EYLÜL 2024 PERŞEMBE

HALL 5

GREEN HALL / YEŞİL SALON

RSS

SESSION 1

14.00-14.20

Exploring the Potential of Aluminium Black Dross as an Efficient Resource for Alumina and Alumina-Based Compounds

İlayda ÖZBAĞ TOĞAÇAR, Umay ÇINARLI, Arif KARACA, Ahmet TURAN

19 SEPTEMBER 2024 THURSDAY

19 EYLÜL 2024 PERŞEMBE

HALL 6

BLUE HALL / MAVİ SALON

CPS

SESSION 1

14.40-15.00

Biodegradable and Antibacterial PCL Films Containing Pomegranate Peels for Food Packaging

Nida ÇELEBİ, Ömer Faruk USLU, Nebahat ARAL

19 SEPTEMBER 2024 THURSDAY

19 EYLÜL 2024 PERŞEMBE

HALL 6

BLUE HALL / MAVİ SALON

CPS

SESSION 2

15.30-15.50

Surface Modification of UHMWPE Nonwoven via Oxidation

Sağanak Yağmur ARSLAN, Nebahat ARAL

19 SEPTEMBER 2024 THURSDAY

19 EYLÜL 2024 PERŞEMBE

HALL 5

PURPLE HALL / MOR SALON

CMTS

SESSION 3

17.40-18.00

Techno-Economic Analysis of the Post Combustion Carbon Capture in Primary Aluminium Production

İlayda ÖZBAĞ TOĞAÇAR, Umay ÇINARLI, Ahmet TURAN, Monika VITVAROVA, Shareq MOHD NAZIR

20 SEPTEMBER 2024 FRIDAY

20 EYLÜL 2024 CUMA

HALL 5

GREEN HALL / YEŞİL SALON

NFMS

SESSION 1

10.20-10.40

Extracting Alumina from Diasporic Bauxite Ore

İlayda ÖZBAĞ TOĞAÇAR, Umay ÇINARLI, Meral BAYGUL, Ahmet TURAN

20 SEPTEMBER 2024 FRIDAY

20 EYLÜL 2024 CUMA

HALL 6

BLUE HALL / MAVİ SALON

EMS

SESSION 1

10.40-11.00

What Makes Ions Hardly Stick on Neutral Graphene

Taner AKBAY

21 SEPTEMBER 2024 SATURDAY

21 EYLÜL 2024 CUMARTESİ

FUAYE: RED HALL / KIRMIZI SALON

10.40-11.00

NMS

SESSION 1

Role of Machine Learning in Optimized Nanomaterials Synthesis

Zahra R. NAVAZI

POSTER PRESENTATIONS

Valorization of Demolition Concrete for Post-Combustion Carbon Capture

CMTS - 1

Talal Abdulrazzak AL RAAS, Umay ÇINARLI, İlayda ÖZBAĞ TOĞAÇAR, Murat ALKAN, Shareq Mohd NAZİR, Z. Cansu CANBEK ÖZDİL, Ahmet TURAN

Going Nuts for Low Carbon Fuels: A Global Study on the Gasification of Pistachio Shell Waste

CMTS - 2

Isobel WOOD, Ben KOLOSZ, İlayda OZBAG TOGACAR, Ahmet TURAN, Martin TAYLOR

Going Nuts for BECCS: Unlocking Turkey and Irans Vast Renewable Energy and Carbon Removal Potential

CMTS - 3

Iman JAFARZADEH SARHANGABADI, Martin TAYLOR, Ahmet TURAN, Ben KOLOSZ

Synthesis of Smelting-Grade Flux Through the Utilization of Salt-Based Residues

RSS - 1

İlayda ÖZBAĞ TOĞAÇAR, Umay ÇINARLI, Bahar ÜNER, Cemre ORAL, Meltem GÜROL, Sarp TESKİN, Selenay ELBİR, Tamer CAR, Dürdane DEĞERLİ, Erman CAR, Ahmet TURAN

Towards Bimodal Structured High Entropy Alloys Triggered by Heat Treatment After Severe Plastic Deformation

NMS - 1

Mustafa TEKİN, Hasan KOTAN

Exploring Electromagnetic Interactions in Core-Shell Metallic Nanoparticles for Enhanced Light Absorption

NMS - 3

Seda Aygül AKYÜZ, Zeliha Cansu CANBEK ÖZDİL

SESSION CHAIRMAN

EMS
SESSION 2

20 SEPTEMBER 2024 FRIDAY

20 EYLÜL 2024 CUMA

HALL 6

BLUE HALL / MAVİ SALON

10.00-11.00

Taner AKBAY

EMS
SESSION 3

20 SEPTEMBER 2024 FRIDAY

20 EYLÜL 2024 CUMA

HALL 6

BLUE HALL / MAVİ SALON

13.30-15.00

Taner AKBAY