



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

Tepekule Congress and Exhibition Centre



**TMMOB
KİMYA MÜHENDİSLERİ ODASI**

2 - 4 October 2025
2 - 4 Ekim 2025
İzmir-Türkiye



**KOMPOZİT
SANAYİCİLERİ DERNEĞİ**



ENSA
ENGLİZ DÜNYALIK
İNŞAATÇI BİRLİĞİ



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

2 October 2025 Thursday / 2 Ekim 2025 Perşembe



ANADOLU HALL / ANADOLU SALONU

1A SESSION
1A OTURUM

SAAT/TIME

08:30-09:30	REGISTRATION / KAYIT
09:30-10:15	INAUGURAL/ AÇILIŞ KONUŞMALARI
10:15-10:50	PLAQUE PRESENTATION TO SPONSORS / KATKI VEREN KURULUŞLARA PLAKET SUNUMU
10:50-11:35	Plenary Lecture - Michael Wisnom - University of Bristol - Simulating Composites Manufacturing Processes
11:35-11:50	OPENING OF THE EXHIBITION AREA / SERGI ALANI AÇILIŞI
11:50-12:00	COFFEE BREAK/ÇAY-KAHVE ARASI

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Mustafa DEMİRCİOĞLU

1A SESSION
1A OTURUM

Emirhan Çetin
Oyak Renault Otomobil
Fabrikaları A.Ş.

12:00-12:20

Investigation of Foaming Processes in Rigid Polymer Composites for Lightweighting and Carbon Footprint Reduction in Automotive Applications

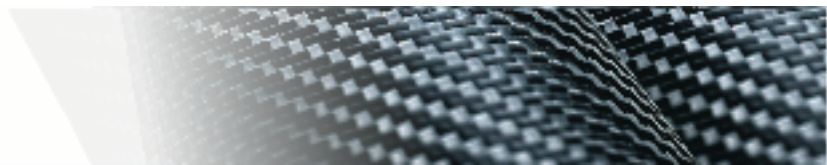
Burcu Saner Okan
Sabancı University

12:20-12:40

Driving Sustainability Through Advanced Waste Upcycling: Lightweight Thermoplastic Manufacturing Reinforced with Green Graphene

12:40-13:30

LUNCH / YEMEK ARASI



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

2 October 2025 Thursday / 2 Ekim 2025 Perşembe



15:20-15:35

COFFEE BREAK / ÇAY-KAHVE ARASI

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Hülya CEBECİ



3A SESSION
3A OTURUM

INVITED TALK

Salim Belouettar
Luxembourg Institute of Science
and Technology

15:35-16:05

Digital Product Passports for Circular Economy in Composites:
Challenges and Future Perspectives

Muhammed Erdal Ulaşlı
Izmir Institute of Technology

16:05-16:25

Manufacturing and Mechanical Characterization of Graphene-
Reinforced Type IV COPVs for High-Pressure Hydrogen
Storage

Fatih Ertuğrul Oz
King Abdullah University
Science And Technology

16:25-16:45

Layer Thickness Effect on Hydrogen Permeation Pathways of
Thin-Ply Thermoplastic Composites

Cuma Ali Uçar
Cef Advanced Composites &
Materials

16:45-17:05

Epoxy Prepregs With Adjustable Processability And Curing
Characteristics With Ambient-Temperature-Stability: Linking
Prepreg Architecture To Composite Performance

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Funda TIHMİNLİOĞLU



3B SESSION
3B OTURUM

Kardelen Yıldız
Izmir Institute of Technology

16:05-16:25

Advancing Thermal Management with Hexagonal Boron
Nitride Doped High-Performance Polymer Composites for
Efficient Heat Dissipation in Electronics

M. Reza Nofar
Istanbul Technical University

16:25-16:45

Cellulose Nanocrystals and Their Nanocomposites:
Progresses and Future Perspectives

Mustafa Alperen Şakar
Yıldız Technical University

16:45-17:05

Investigation of Tribological Properties of Epoxy Based
Composites Reinforced With SiO₂, GO and h-BN Nanoparticles

6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

2 October 2025 Thursday / 2 Ekim 2025 Perşembe



17:05-17:20

COFFEE BREAK / ÇAY-KAHVE ARASI

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Aref CEVAHİR



4A SESSION

4A OTURUM

Mete Kayhan
Istanbul Technical University

17:20-17:40

Effect of Microwave Curing on Glass Fiber Reinforced Elium Thermoplastic Composite Production

Yusuf Şahin
Ostim Technical University

17:40-18:00

Manufacturing of Carbon Fiber Reinforced Epoxy Composites and Its Investigation of Mechanical/Tensile Strength/Modulus of Composites Experimentally

Hürrem Canitez
Sazcılar Otomotiv

18:00-18:20

Lap-Shear Strengths of Glass, Basalt and Hybrid Composites

Simge Karatepe
Polütek Polyester Poliüretan
Ltd. Şti

18:20-18:40

The Effect of Magnesium Hydroxide and Sodium Hydroxide Applications on the Mechanical Properties of Natural Fiber-Reinforced Composites

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Mustafa ASLAN



4B SESSION

4B OTURUM

Hüsnü Onur Ertürk
Izmir Katip Çelebi University

17:20-17:40

Use of Waste-Derived ZnFe₂O₄ as A Functional Additive in Recycled Polyethylene Composites

Simay Yanik
Istanbul Technical University

17:40-18:00

Development of Conductive Polymer Blend Nanocomposites with Optimized CNT Content

Melisa Atay
Dokuz Eylül University

18:00-18:20

Energy Harvesting Applications for Nanomaterial Based Triboelectric Nanogenerators



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS



VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

3 October 2025 Friday / 3 Ekim 2025 Cuma

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Elif ALYAMAÇ SEYDİBEYOĞLU



5A SESSION
5A OTURUM

INVITED TALK

Jozsef Gabor Kovacs
Budapest University of
Technology and Economics

09:30-10:00

Advanced Lightweight Injection-Molded Polymer Composites: Recycling, Hybrid Manufacturing, and Integration of Industry 4.0

Clement Mugemana
Luxemburg Institute of
Science and Technology

10:00-10:20

Polymer Composites Materials: Towards Functional Interfaces

Alinda Öykü Akar
Gebze Technical University

10:20-10:40

Contribution of Amine and Isocyanate-Rich Interlayer to Fiber-Matrix Adhesion for Carbon Fiber-Reinforced Elastomeric Polyurethane-Based Composites

Mehmet Çağatay Akbolat
Gaziantep University

10:40-11:00

The Effect of Glass Fiber Powder Reinforcement on the Interfacial Bond Strength Properties of Polypropylenes Produced by Fused Filament Deposition

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Nuri ERSOY



5B SESSION
5B OTURUM

Zehra Ekdi
Istanbul University Cerrahpaşa

10:00-10:20

Preliminary Performance Evaluation of Hydrogels Modified with Natural and Nano-Scale Additives for Biomedical Applications

Onur Aras
Istanbul Medeniyet University

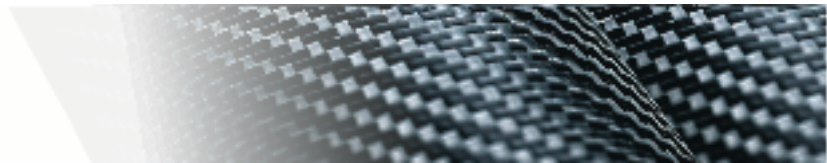
10:20-10:40

Development of Environmentally Friendly Hybrid Aerogels Using Carboxymethyl Cellulose and Clay Minerals

Eren Karakuş, Şükrü Al
Ege University

10:40-11:00

PVC-Based Composite Materials Reinforced with Natural Hemp Fibers



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

3 October 2025 Friday / 3 Ekim 2025 Cuma



11:00-11:10

COFFEE BREAK / ÇAY-KAHVE ARASI

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Mehmet SARIKANAT



6A SESSION
6A OTURUM

Sven Fleischmann
BASF SE

11:10-11:30

Controlling Metal Powder / Thermoplastic Composite Feedstock Production to Optimize Metal Part Manufacturing

Gülnur Başer
Metyx Composites-Telateks A.Ş

11:30-11:50

Use of Fiber-Reinforced Polymeric Composites in Solar Energy Systems and Integration of Photovoltaic Cells into Mobile Platforms

Ferhat Yıldırım
Çanakkale Onsekiz Mart University

11:50-12:10

Investigation of Post-Impact Electromagnetic Shielding Effectiveness (EMSE) Performance of Hybrid 3D Composites

Serdar Demir
Boğaziçi University

12:10-12:30

Crashworthiness Optimization of Crush Plugs Applied on CFRP Composite Tubes Subjected to Axial Crushing

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Veli DENİZ



6B SESSION
6B OTURUM

Ahmet Süha Kılıçoğlu
OlgunÇelik OlgunTech -
Izmir Institute of Technology

11:10-11:30

An Experimental-Analytical Approach for the Effect of Intra-Ply Discontinuities on the Mechanical Performance of Glass Fiber Reinforced Polymer (GFRP) Leaf Springs

Dildare Metin
Izmir Institute of Technology

11:30-11:50

The Preparation and Characterization of Wood -Plastic Composites from Recycled Plastics, Wood and Luffa Fiber

Onur Nuri Arslan
University of Warwick

11:50-12:10

Epoxy-Cured Sustainable Rubber Composites Reinforced with Lignin

Ferhat Yetiş
Marmara Forestry Research
Institute

12:10-12:30

Reinforcing Effect of Esterified Cellulose Nanofibrils for Polylactic Acid

6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS



VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI


3 October 2025 Friday / 3 Ekim 2025 Cuma

12:20-13:30

LUNCH / YEMEK ARASI

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Jozsef Gabor KOVACS


 7A SESSION
7A OTURUM

PLENARY LECTURE

Marino Quaresimin University of Padova	13:30-14:15	An Innovative Strategy to Design and Monitor Safe, Reliable and Lightweight Composite Structures Under in-Service Loading
Peter Klein Fraunhofer Institute for Industrial Mathematics	14:15-14:35	Mastering the DPP Regulation Jungle on a Digital Platform: An Opportunity for Accelerated Composite Innovations
Natalia Konchakova Helmholtz-Zentrum Hereon	14:35-14:55	Know Your Products to Forge a Secure and Prosperous Future: DigiPass CSA Approach
Heinz A. Preisig Norwegian University of Science and Technology	14:55-15:15	Interoperability for Digital Product Passports and Circularity
Franz Pirker AC2T Research GmbH	15:15-15:35	Competitive Advantage through Comprehensive DPPs: From an Administrative Burden to Strategic Edge

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Ümit Halis ERDOĞAN

 7B SESSION
7B OTURUM

Mustafa Aslan Karadeniz Technical University	14:15-14:35	Production of Hybrid Thermoplastic Composites Reinforced with Hemp and Basalt/Carbon Fabrics for Automotive Interior Trim Panels and Determination of Energy Absorption Behavior
Gökseven Kurt Çömlekçi Şişecam Bilim, Teknoloji ve Tasarım Merkezi	14:35-14:55	Effect of Different Sizing Types on the Interfacial Strength of Glass Fiber in PPS Composites
Salih Dağdeviren Ankara Yıldırım Beyazıt University	14:55-15:15	Statistical Investigation of the Effects of Dust Contamination and Surface Preparation on the Bond Strength of Composites
Çağlar Subaşı Eskim Kimya	15:15-15:35	Development of Natural Fiber-Reinforced BMC Composite Materials

6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

3 October 2025 Friday / 3 Ekim 2025 Cuma



15:35-15:50

COFFEE BREAK / ÇAY-KAHVE ARASI

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Özlem URAL

8A SESSION
8A OTURUM

Samet Özyiğit
Luxembourg Institute of Science
And Technology

15:50-16:10

Recycling of Carbon Fibers in Structural Composites Having
Debonding on Demand Characteristics

Ebeda Nur Beşdok
Gebze Technical University

16:10-16:30

Investigation the Effects of Manual and Waterjet Cutting Methods
on the Mechanical Properties of Carbon Fiber Composite Materials

Zeliha Bengisu Yakışık
Turkish Energy, Nuclear and Mineral
Research Agency

16:30-16:50

Advanced HDPE-Based Composites for Neutron Shielding: A
Theoretical and Experimental Study

Yusuf Şahin
OSTİM Technical University

16:50-17:10

Investigation of Tensile Property of Carbon Reinforced Composite
Produced with Vacuum Bagging

Sevim Özgül
Bahçeşehir University

17:10-17:30

Fungal Biocomposite Production and Characterization

17:30-18:30

POSTER OTURUMU / POSTER SESSION

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Göksenin ÇÖMLEKÇİ

8B SESSION
8B OTURUM

Nilsu Ataman
Izmir Katip Çelebi University

15:50-16:10

Life Cycle-Based Carbon Footprint Analysis of Fiber and
Matrix Selection in Polymer Matrix Composite Materials

Özge Akay Sefer
Marmara University

16:10-16:30

Sustainable Packaging Materials: Fabrication and Analysis of Luffa
Cylindrica-Polyvinylpyrrolidone (PVP) Bio-Composites

Elif Avcu Altıparmak
Istanbul University-
Cerrahpaşa

16:30-16:50

Effect of Nitro-Substituted Thiosemicarbazone-Doped
Polythiophene-Based Composites on Supercapacitor Performance
as Energy Storage Materials

Mete Kayıhan
Istanbul Technical University

16:50-17:10

Fatigue Damage Analysis of Glass Fiber Reinforced Elium
Thermoplastic Composite Materials

Burçak Ay
Yıldız Technical University

17:10-17:30

Optimization of Process Parameters in Chitosan Nanoparticles
Produced for Hydrophobic Coatings Reducing Bacterial Adhesion

17:30-18:30

POSTER OTURUMU / POSTER SESSION

20:00-23:00

GALA YEMEĞİ / GALA DINNER



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

4 October 2025 Saturday / 4 Ekim 2025 Cumartesi



ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Engin AKTAŞ

9A SESSION
9A OTURUM

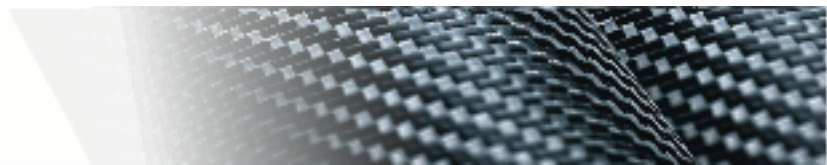
Alperen Doğru Ege University	09:30-09:50	Effect of Environmental Aging on Mechanical and Thermal Properties of Carbon Fiber and Glass Fiber Reinforced HDPE Matrix Composite
Ayberk Sözen Dokuz Eylül University	09:50-10:10	Thermoplastic Materials for Marine Applications : PA Composites
Kaveh Shahidi Boğaziçi University	10:10-10:30	Seismic Design and Damage Assessment of Composite Pipe Joints
Ferit Çakır Gebze Technical University	10:30-10:50	The Use of Composite Materials as Reinforcement Elements in Reinforced Concrete and Masonry Structures: An Experimental and Practical Evaluation

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Cem GÖK

9B SESSION
9B OTURUM

Nur Sultan Yoldas Gazi University	09:30-09:50	Preparation and Characterization of Boron Carbide Filled Electrorheological Thermoplastic Polyurethane
Mahmut Uğur Fiberr Fiber Reinforced Resins As	09:50-10:10	Development of Fragment-Resistant Wall Against Explosion Effects Using Composite Technology by Recycling Plastic Waste
Ayça Aydın - Ayşe Kurt Polyteks Textile Company - BUTEKOM Bursa Technology Coordination and R&D Center	10:10-10:30	Development of Glass Fibre Reinforced Bio-PET Matrix Composites and Evaluation of Their Mechanical Performance
Selçuk Poyraz Adıyaman University	10:30-10:50	Preparation and Characterization of Functional Textiles for Fiber Reinforced Polymeric Composites via Microwave Energy-Based Approach



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

4 October 2025 Saturday / 4 Ekim 2025 Cumartesi



10:50-11:05

COFFEE BREAK / ÇAY-KAHVE ARASI

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Yahya KARA

10A SESSION
10A OTURUM

Onur Özcan
Izmir Institute of Technology

11:05-11:25

Design, Simulation, and Optimization of High-Pressure Type-IV COPVs Reinforced with Graphene Nanoplatelets Using Finite Element Analysis

Hamza Arda Devenci
Erzincan Binali Yıldırım University

11:25-11:45

The Effect of Stacking Sequence Optimization on the Open-Hole Tensile Strength of Carbon/Epoxy Composite Laminates

Mehmet Korkmaz
Dokuz Eylül University

11:45-12:05

Modeling the Extension Behaviour of Intra-Ply Hybrid Flax/ E-Glass Woven Composites with the Finite Element Method

Mehmet Kır
Süleyman Demirel University

12:05-12-25

Numerical Evaluation of Structural, Coating, and Corrosion Performance of Porous 316L Implants Fabricated via Polymer-Assisted Composite Approach

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Volkan ACAR

10B SESSION
10B OTURUM

Necip Elbir
Kocaeli University

11:05-11:25

Evaluation of Lichen-Based Renewable Filler in Polylactic Acid (PLA)

Narmin Samadova
Izmir Institute of Technology

11:25-11:45

Fabrication of Colorimetric Mechanosensors for Glass Fiber Thermoplastic Composites

Hasan Türkmen
Pamukkale University

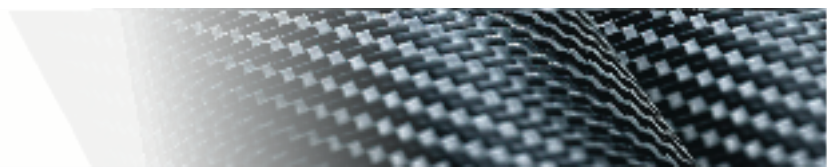
11:45-12:05

Effect of Microcrystalline Cellulose and Diatomite Reinforcement on the Mechanical and Morphological Properties of Epoxy Based Composites

Dursun Aydın
Kansai Altan

12:05-12-25

Comparative Study on The Effect of Various Calcium Carbonates on the Properties of Solvent-Based Coatings



6th INTERNATIONAL POLYMERIC COMPOSITES SYMPOSIUM AND WORKSHOPS

VI. ULUSLARARASI POLİMERİK KOMPOZİTLER SEMPOZYUMU VE ÇALIŞTAYLARI

4 October 2025 Saturday / 4 Ekim 2025 Cumartesi



15:10-15:25

COFFEE BREAK, POSTERS SESSION ÇAY-KAHVE ARASI, POSTER GEZİMİ

ANADOLU HALL / ANADOLU SALONU

Session Chair / Oturum Başkanı: Alperen DOĞRU



12A SESSION

12A OTURUM

Melisa Yeke
Metyx Composites Telateks A.Ş.

15:25-15:45

Recycling of PET Foam and Glass Fiber Waste for High - Performance Core Applications

Rüçhan Yıldız
Pamukkale University

15:45-16:05

Production and Characterization of Epoxy Matrix Composites Reinforced with Waste Glass Particles of Different Particle Sizes

Selin Dursun
BUTEKOM Bursa Technology
Coordination and R&D Center

16:05-16:25

Production and Characterization of Thermoplastic Composites by Hot Press Method Using Recycled Glass Fiber / Polypropylene Tapes

Ferhat Gül
Gazi University

16:25-16:45

Effect of Heating Rate During Curing on the Properties of Composite Materials

Dilara Yüksel
Borsan R&D Center

16:45-17:05

Sustainable Innovation in Solar Energy Infrastructure: Development of Boron-Infused Aluminum Solar Cables

17:05-18:05

SECTORAL EVALUATION PANEL SEKTÖREL DEĞERLENDİRME PANELİ

18:05-18:30

POSTER EVALUATION AND CLOSING POSTER DEĞERLENDİRME VE KAPANIŞ

AKDENİZ HALL / AKDENİZ SALONU

Session Chair / Oturum Başkanı: Figen AYNALI



12B SESSION

12B OTURUM

Ferkan Toprak
Pamukkale University

15:25-15:45

Development of Polylactic Acid Composites Reinforced with Bio-Waste for Sound Insulation Applications: The Potential of Olive Pits and Textile Fibers

Mustafa Eren Taşkingül
Bursa Technical University

15:45-16:05

Development of Silver-Doped PLA Composites via Stereolithography (SLA) Method

Mervenur Gülmarul
Bursa Technical University

16:05-16:25

Sustainable Functionalized PYA Hydrogel Composites via UV Curing

Göksel Kepenek
Pamukkale University

16:25-16:45

Application and Characterization of Chitosan-Gelatin Based Thyme Oil Microspheres with Antibacterial Effect on Titanium Plate

Erol Türker
Turkish Chemistry Technology
Center

16:45-17:05

A Strategic Step for International Competitiveness in the Plastics, Rubber and Composites Industries



Mehmet Erdi Onan
Ece Boya Kimya San. Ve Tic. A.Ş

Bio-Based Resins

Utku Uslu
Karadeniz Technical University

Comparative Investigation of The Mechanical Properties of 0/90 Orientation Glass Fiber Reinforced Composite Surface Plates with Different Numbers of Layers Produced by Digital Light Processing (DLP) Method

Merve Temel
Efachem Kimya Ürünleri San. Tic. A.Ş

Sustainable High-Performance Composites Using Recycled Thermoplastics Reinforced with Fibers and Minerals

Gözde Koçak Mutlu
*BUTEKOM Bursa Technology
Coordination and R&D Center*

Comparative Evaluation of The Antibacterial Properties of ZnO-Reinforced Virgin and Recycled LDPE Films

Abdullah Hilmi Coşar
Gebze Technical University

Production and Characterization of Fully Biodegradable Biocomposite Plant Grow Plug Alternatives for Soilless Agriculture

Tıla Çeçen
DYO Paint Factory

Synthesis of Vinyl Ester Resin for the Composite Sector

Yağmur Damla Demir
Izmir Institute of Technology

Development of Fluorinated Gelma Hydrogel for Cancer Treatment

Yasemin Büşra Atmaca
Izmir Institute of Technology

Development of Multifunctional Gelma-Based Biocomposite Hydrogels Functionalized With EDTA Containing CitPMOF-E Nanoparticles

Umut Doğu Seckin
Ege University

Production of Biocomposite Hydroxyapatite/Alginate Tissue Scaffold and Investigation of Its Osteogenic Potential

Madi Syrymov
Istanbul Arel University

pH-Responsive Bioactive Nanomembrane Wound Dressing: A Chitosan-Aloe Vera-HA Based Colorimetric Indicator for Infection Detection

Ceren Cıkay
Ege University

Development and in vitro Characterization of a Plant-Based Nanomaterial-Containing Composite Polymer for Periodontal Tissue Engineering

Tuğba Demir Çalışkan
Ankara University

Superhydrophobic and Oleophobic PGMA/COlemanite Composite Films Functionized with Perfluoro Polyether Acid

Gürhan Denizli
Efachem Kimya Ürünleri San. Tic. A.Ş.

A Comparative Study Between Calcium Carbonate and TALC Fillers on the Properties of EPDM Composites

Erdem Tunca
Mugla Sıtkı Kocman University

Investigation of The Low-Velocity Impact Performance of Electrospun Polyvinyl Alcohol (PVA) Nanofiber Interleaved Carbon Fiber/Epoxy Composites for Aerospace Applications

Ramazan Ercan
Ipekis Mensucat Türk A.Ş.

Production and Optimization of Sustainable Composite Materials from Textile Wastes

Merve Karabiyik
Izmir Institute of Technology

Enhancing Thermal Resistance of QD Based Sensors Via CVD Polymer Encapsulation

Emre Döşeyici
Izmir Katip Çelebi University

Characterization of Mechanical Properties of Glass Fiber/Talc Reinforced Hybrid Polypropylene Composites

Duru Ettergen
Ege University

Development of Modified Natural Zeolite Added PVC Surface Coating

İklim Kayhan
Izmir Institute of Technology

High-Performance Anti-Corrosive Polymer Coatings on Zinc Surfaces via Chemical Vapor Deposition

Bilgesu Eryılmaz
Manisa Celal Bayar University

Development and Characterization of an Abelmoschus Esculentus Based Hydrogel for Cartilage Tissue Engineering Applications

Mete Kayhan
Istanbul Technical University

Effect of Recycling Glass Fiber Reinforced Elium Thermoplastic Composite Materials on Mechanical Properties

Senem Tetik
Izmir Institute of Technology

The Fabrication of Pressure Sensitive Adhesives via Emulsion Polymerization

Ala Mohammed Ahmed Ali Saad
Istanbul Arel University

Nanocapsulation of Omega-3 Extract Obtained from Flaxseed and its Transdermal Delivery via Microneedles

İlknaz Yeşilyaprak
Ege University

Microalgae Production for Sustainable, Natural Biobased Composites with Pharmaceutical Potential

Ferhat Yıldırım
Çanakkale Onsekiz Mart University

Investigation of the Usability of Phase Change Material (PCM) Filled 3D Composites for Passive Thermal Management

Amir Navidfar
Bahçeşehir University

Mechanical Properties of Carbon Nanofiller Reinforced Glass Fiber Composites

Aybüke Polat
Ege University

Effects of Cobalt-Free Accelerators on the Curing Process and Mechanical Properties of Glass Fiber Reinforced Polyester Composites

Şewal AYHAN
Izmir Katip Celebi University

Additive Manufacturing with Sustainable Materials: Effect of Tea Waste Additive on Epoxy Composites

