



13th Conference of
OUTLOOK CONFERENCES



International
**CHEMICAL ENGINEERING &
CATALYSIS CONFERENCE**

December 12-13, 2019 | London, UK

<https://www.outlookconferences.com/>

Day 1 December 12, 2019

Paris Room

09:00-09:30 Registrations
09:30-10:00 Introduction & Opening Words

Chair of Conference:
Claude Billeaud, France

Plenary Forum

10:00-10:45 **Title: A New High Hydrostatic Pressure Destroyed All Pathogens Including Spores while Preserving the Bioactive Proteins of Donated Human Milk**

Claude Billeaud, CIC Pédiatrique CHU Pellegrin Bordeaux, France

10:45-11:30 **Title: Using Green Chemistry for Olefin Metathesis**

Mohammed Al-Hashimi, Texas A&M University at Qatar, Qatar

Refreshments Break 11:30-11:45 @ The Conservatory

Scientific Forum

Sessions Catalysis and Applications
Advances in Catalysis and Chemical Engineering

Session Chair Mohammed Al-Hashimi, Texas A&M University at Qatar, Qatar

11:45-12:15 **Title: Immobilized Bifunctional Catalysts for the Application of Advanced Oxidation Processes**

Aida María Díez Sarabia, University of Vigo, Spain

12:15-12:45 **Title: Smart Asphalt Mixtures with Multifunctional Capabilities**

Iran Gomes da Rocha Segundo, University of Minho, Portugal

12:45-13:15 **Title: Kinetic Modeling and Simulation for the Intensification of the One-Step DME Synthesis Process from CO₂**

Ainara Ateka, University of the Basque Country, UPV/EHU, Spain

Group Photo 13:15-13:20

Lunch Break 13:20-14:00 @ Bytes Restaurant

Young Researcher Forum

Sessions Photocatalysis and Photoreactors
Catalysis and Applications
Chemical Engineering of Polymers-Polymer Engineering

Session Chair Mohammed Al-Hashimi, Texas A&M University at Qatar, Qatar

14:00-14:30 **Title: Photodegradation of Hazardous Organic Materials In-Situ by Titanium-Dioxide Derivatives Under UV or VIS Illumination**

Dayan Avraham, Tel Aviv University, Israel

14:30-15:00 **Title: Synthesis of Cellulose Acetate from Raw Textile Wastes**

Natália Cândido Homem, University of Minho, Portugal

15:00-15:30 **Title: RGD-Modified Dihydrolypoamide Dehydrogenase Conjugated to Titanium Dioxide Nanoparticles – Switchable Integrin-Targeted Photodynamic Treatment of Melanoma Cells**

Dayan Avraham, Tel Aviv University, Israel

Refreshments Break 15:30-15:45 @ The Conservatory

Plenary Forum

15:45-16:30 **Title: Highly Efficient Au-Pd Atomically – Co-Doped Porous Graphitic-Like C₃N₄ Nanotubes Nanocatalyst for CO Oxidation**
Aboubakr M. Abdullah, Qatar University, Qatar

16:30-17:00 **Poster Session**

OLCCEC-001 **Title: Carbon Nanotube Multilayered Nanocomposites as Multifunctional Substrates for Actuating Neuronal Differentiation and Functions of Neural Stem Cells**
Yiwen Ruan, Jinan University, China

OLCCEC-002 **Title: Biodiesel Synthesis by Ultrasound Assisted Enzymatic Transesterification**
Adina Ionuta Gavrilă, University Politehnica of Bucharest, Romania

OLCCEC-003 **Title: Intensification of Biodiesel Synthesis through Ultrasound Assisted Heterogeneous Catalyzed Transesterification**
Petre Chipurici, University Politehnica of Bucharest, Romania

OLCCEC-004 **Title: Tubular Artificial Scaffold for Biomedical Applications Using Nanofibers**
Sofia EL-Ghazali, Shinshu University, Japan

End of the Conference



Save The Dates

2nd International Conference and Exhibition on

Chemical Engineering & Catalysis

December 10-11, 2020 | Krakow, Poland

OLCCEC-2020

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