

## TENTATIVE PROGRAM

6<sup>th</sup> International Conference on  
**Carbon Chemistry  
and Materials**

📅 October 19-21, 2026 | Valencia, Spain | Hybrid

### THEME:

**Innovative Carbon Solutions & Nanomaterials  
for Next-Generation Technologies**

### Supporting Partner



**Barcelo Valencia Hotel**  
Avenida de Francia 11, 46023  
Valencia, Spain

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## Keynote Speakers



**Abderrazzak Douhal A**, University of Castilla La Mancha, Spain  
TBA



**Maria Carmen Asensio**, Materials Science Institute of Madrid, Spain  
**Accelerating Energy Materials Discovery through Artificial Intelligence and Advanced Characterization**



**Salvatore Petralia**, University of Catania, Italy  
**Nanohybrid Nanostructured Materials for Biosensing of Phe and Tyr in Biological Samples**



**Mohini M. Sain**, University of Toronto, Canada  
TBA



**Fabrizia Foglia**, University College London, UK  
TBA

## Featured Presentations

**Ranulfo Martins Carneiro Neto**, Federal University of Rio de Janeiro - Polytechnic Institute, Brazil  
**Evaluation of Mode II Fracture Energy in Adhesively Bonded CFRP Laminates with Quad and Double-Double Layups**

**Rasmus Palm**, University of Tartu, Estonia  
**Hydrogen Confinement in Ordered Porous Structures of Templated Carbon Materials**

**Said Mansouri**, University Mohammed VI Polytechnic, Morocco  
**Elaboration of Graphite Materials from Moroccan Oil Shale for Lithium-Ion Battery Applications**

**Paul O'Connor**, YERRAWA, The Netherland  
**Catalytic Technique Producing Advanced 2D Carbon Materials from Biomass**

**Mehdi Mennani**, University Mohammed VI Polytechnic, Morocco  
**Catalytic Graphitization of Lignin-MOF Hybrids toward Sustainable Carbons**

**Elaheh Mohebbi**, Marche Polytechnic University, Italy

**An Experimental and Theoretical Study on Electronic Properties of Self-Assembled 1,4 Phenylene-diacrylic Acid on Bilayer Graphite**

**Ranulfo Martins Carneiro Neto**, Federal University of Rio de Janeiro - Polytechnic Institute, Brazil

**Effect of Halloysite Nanotubes on the Mechanical and Thermal Performance of Epoxy and Bio-Based Polyurethane Adhesives**

**María Pilar de la Cruz Manrique**, University of Castilla-La Mancha, Spain

**Challenges of Molecular Design of Materials Based on Dpp for Solar Devices**

**Yulian Zagranyski**, Sofia University St. Kliment Ohridski, Bulgaria

**Controlled Functionalization of the 1,8-Naphthalimide Core with Weak Nucleophiles: A Versatile Approach to Fluorescent  $\pi$ -Conjugated Systems**

**Monika Mutovska**, Sofia University St. Kliment Ohridski, Bulgaria

**Design and Synthesis of  $\pi$ -Conjugated Indolocarbazole Derivatives as Functional Organic Materials**

**Puja Dey**, Kazi Nazrul University, India

**Innovation in Topological Insulator based heterostructures for Room Temperature, Low Noise, Broad Band Infrared Photodetector Applications**

**Slots available**

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## Special Session ("CO<sub>2</sub> Capture & Utilization")

**Guillermo Díaz-Sainz**, University of Cantabria, Spain  
**Bringing Lab to Pilot: Continuous CO<sub>2</sub> Electroreduction for Formic Acid and Formate Production**

**Juqin Zeng**, Polytechnic University of Turin, Italy  
**High Surface Area Catalysts for Enhanced Electrochemical CO<sub>2</sub> Reduction**

**Abdulkadir Bozarslan**, Tomas Bata University in Zlin, Czech Republic  
**Amine-Based Shaped CO<sub>2</sub> Solid Sorbents for Carbon Capture**

**Jaz Pieterse**, TNO (Netherlands Organisation for Applied Scientific Research), Netherlands  
**Designing Resilient Catalyst-Sorbent Systems for Next Generation Flexible Sorption-Enhanced CO<sub>2</sub> Hydrogenation Processes**

**Georg Locher**, Schwenk Building Materials Group, Germany  
**CO<sub>2</sub>, Energy and H<sub>2</sub> Requirements for CCU – A Simple Breakdown of The Energy Math**

**Jonathan Berg**, VTT Technical Research Centre of Finland Ltd, Finland  
**Kraft Lignin Fractionation Enables Structure-Property Control in Hard Carbon Anodes for Sodium-Ion Batteries**

## Slots Available

## Featured Presentations

**Ahmed Draï**, Mustapha Stambouli University of Mascara, Algeria  
**Analytical Analysis of Vibration Behavior of Bidirectional Coated Nanobeams Made of Functionally Graded Materials**

**Gil Alberto Batista Gonçalves**, University of Aveiro, Portugal  
**TBA**

**Ramiz Zulkharnay**, University of Bristol, UK  
**TBA**

**Gulnur Zulpukarova**, University of Bristol, UK  
**TBA**

**Gregor Tondl**, University of Natural Resources & Life Sciences, Austria  
**TBA**

**Ieva Kiminaite**, Lithuanian Energy Institute, Lithuania  
**Carbon Black from Plastic Waste Using Thermal Plasma: Insights into Feedstock Composition-influenced Formation Mechanism and Product Properties**

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## Featured Presentations

**Shanthi Iyer**, University of North Carolina, USA

TBA

**Iveta Varnagiryte-Kabasinskiene**, Lithuanian Research Centre for Agriculture and Forestry, Lithuania  
**Ecosystem Carbon and Nutrient Dynamics in Pinus Sylvestris Forests After Clear-Cutting in The Baltic Region**

**Dmitri Kilin**, North Dakota State University, USA

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We wish to see you at  
**CCM-2026**

**October 19-21, 2026 | Valencia, Spain | Hybrid**

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