

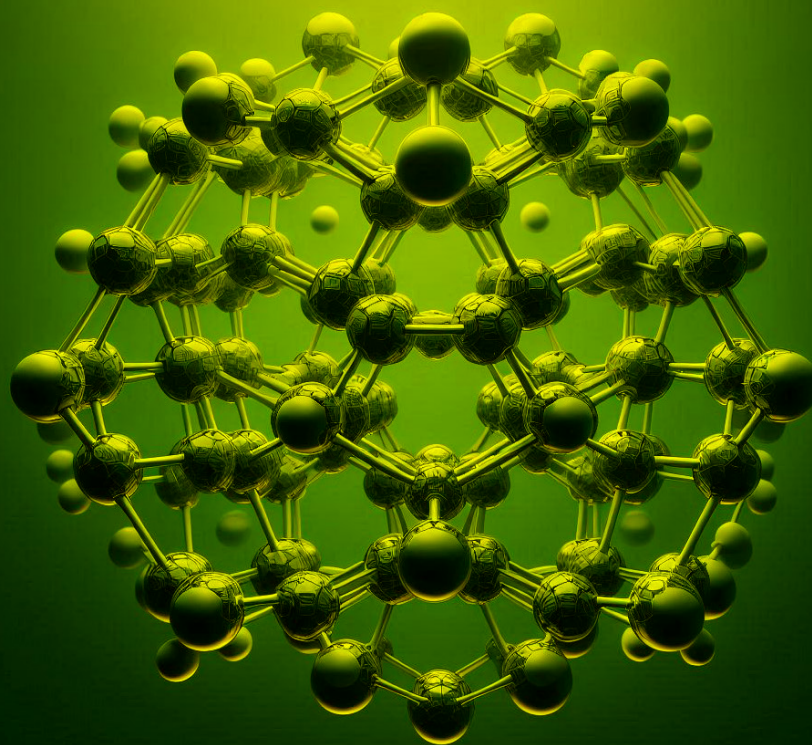


Scientific
Program

Carbon Chemistry
World Conference (CCWC 2024)

AUGUST 17-18 (ONLINE EVENT)

*Theme: The conference theme is "Exploring Carbon Chemistry field from
Nanostructures to Industrial Applications"*



Time is as per Central European Summer Time (CEST)

Day 1 Virtual Presentations

08:00-08:50 Registrations

08:50-09:00 Opening Ceremony and Introduction

Keynote Presentations

09:00-09:40 **Paulo Cesar De Morais, Catholic University of Brasília, Brazil**
Title: Unveiling Ferromagnetism in Carbon Dots-Polymer Nanocomposite

09:40-10:20 **Sohan Bir Singh, Prairie Research Institute, University of Illinois Urbana-Champaign, United States**
Title: Carbon-Based Hydrogen Storage Materials

10:20-11:00 **Shabana Parvin Shabbir Shaikh, Sacret power to X Pvt Ltd, India**
Title: Rational Synthesis of 10gdc Electrolyte Through a Microwave Irradiation Gnp Facile Route for Sofc Applications

11:00-11:40 **Dr. Ashanendu Mandal, Energy Expert and International Speaker, India**
Title: Removal of Phenol from Wastewaters Using Low-Cost Adsorbents

Oral Presenters

11:40-12:10 **Luis M. López-Renau, Material Science and Engineering Department, Sweden**
Title: Solid Pyrolytic Lignin as a Substitute for Fossil-Derived Carbon Binders in the Manufacture of Bio-Carbon Electrodes for Metallurgy and Steelmaking

12:10-12:40 **Cassandra Bauer, Fraunhofer IGCV, Germany**
Title: Development of a Dispersion Process for the Production of Antistatic Composite Pipes

12:40-13:10 **Asmaa Abd El-Aziz, Fabrication Technology Research Department, Advanced Technology and New Materials Research Institute, City of Scientific Research and Technological Applications, Egypt**
Title: Green Synthesis of Carbon Quantum Dots-Based Gelatin Nanocomposites for Biomedical Application

13:10-13:40 **Nesim İSLAMOĞLU, Chemistry Department, Institute of Science, Necmettin Erbakan University, Turkey**
Title: Using Tranexamic Acid (Medicine That Controls Bleeding) to Detect Paracetamol

13:40-14:10 **Hatice Karaer Yağmur, Dicle University, Faculty of Science, Department of Chemistry, Turkey**
Title: Synthesis and Applications of Bioactive Carbons from Agricultural Wastes

14:10-14:40 **Thomas Kaminski, InnoTech Alberta, Canada**
Title: Preparation of Carbon Fiber Using Asphaltene and Bitumen Precursors

Poster Presentations

14:40-15:10 **Ronald P. Gruber, Clinical Professor of Surgery Stanford University Medical Center Elmed Center, USA**
Title: Adsorbing Volatile Organic Compounds and PM2.5 from Barbecue Smoke with Activated Carbon

15:10-15:40 **Vladimir Voronov, Irkutsk National Research Technical University, Russia**
Title: Research into Complexes of Triethanolamine with ZnCl₂ and CdCl₂ using Quantum Chemistry and NMR Methods.

FINAL PROGRAM

Day 2 Virtual Presentations

08:00-08:50 Registrations

08:50-09:00 Opening Ceremony and Introduction

Keynote Presentations

09:00-09:40 **Dr. Debarati Chakraborty,ASDC Naturophilia Agrotech Pvt. Ltd,India**
Title: Bamboo Biochar – An Underexplored Avenue with Multiple Possibilities

09:40-10:20 **N.Gokarneshan,Department of Textile Chemistry, SSM College of Engineering,India**
Title: Composite Carbon Nano Fibre Based Aerogels

10:20-11:00 **Suresh C. Ameta, Department of chemistry, paher university,India**
Title: Reduction of Carbon Dioxide to Value Added Synthetic Fuels: A Step Towards Curbing Global Warming and Energy Crisis

11:00-11:40 **Debanjan Mitra, Dept. of Microbiology, Raiganj University, India**
Title: Insight the Beta Amylase of Bacillus Spp. To Check the Thermostability: An Insilico Approach

11:40-12:20 **Dr. Jeevan R. Dontulwar,Shri Mathuradas Mohota College of Science,India**
Title: Formulation of Detergents Using a Sustainable Approach

Oral Presenters

12:20-12:50 **Arturo Solís Herrera, Human Photosynthesis Study Center, México.**
Title: In Situ Hydration of Co₂, A Quite Different Way to Solve the Big Co₂ Challenge, Derived from the Biology of the Human Eye

12:50-13:20 **Dai-Yeun Jeong, Asia Climate Change Education Centre, South Korea**
Title: A Desirable Framework for Achieving a Carbon-Neutral Society

13:20-13:50 **Omid Ashkani, Head of engineering research center of Avicenna International Community College, Iran.**
Title: The Role of Carbon and Graphene Quantum Dots on Solar Cell Efficiency

13:50-14:20 **Satendra Kumar,Academy of Scientific and Innovative Research (AcSIR),India**
Title: Innovative Electrode Materials for Sustainable Sodium-ion Batteries

14:20-14:50 **Dr. Saona Seth,Assistant Professor,Tezpur University, India**
Title: Nitrogen-Rich Porous Solid Adsorbents for CO₂ Capture

14:50-15:20 **Dr. Amarta Kumar Pal, North-Eastern Hill University,India**
Title: Graphite Oxide: An Efficient Carbon Based Material for Catalysis and Catalyst Support

15:20-15:50 **Mujtaba Ikram, Institute of Chemical Engineering and Technology (ICET), New Campus, University of the Punjab,Pakistan**
Title: Alumina-Graphene Hybrid for Applied Applications

Poster Presenters

15:50-16:20 **S.R.Varadhan,Physics Department, Netaji IAS Academy,India**
Title: Ftir and Raman Spectral Analysis on Kerosene And Crude Oil-Auldetrating in Gaselione, Adverse Effectcts on Nature During Production and Trasportation

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