



Symposium and Workshops on Biowaste Derived Carbons for Waste-to-bioenergy Conversion and Water Purification



20-23 February, 2017

Call for Abstracts

Energy shortage, environmental crisis, and meeting customer demands have driven people to find facile, low-cost, environmentally friendly, and nontoxic routes to produce novel functional materials that can be commercialized in the near future. Converting biowaste into useful materials through carbonization technique could meet the demands in energy and water sector. This event will provide platform to gust on the various technologies evolved to use biowaste into useful products through carbonization.

Also, the symposium will follow three workshops to train the junior faculty and students on novel technologies. The event is organized by **National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan** and will take place at Hotel Indus, Hyderabad.

Key areas for Symposium

- 1) Biocarbons based solid acid catalysts for biofuels conversion
- 2) Biocarbons for water and wastewater treatment
- 3) Preparation methods of biocarbons: (Hydrothermal carbonization (hydrochar), Pyrolysis (biochar), Gasification)
- 4) Economic aspects, and entrepreneurial opportunities

Satellite Workshops

22 February 2017

1. Hydrothermal Carbonization of biomass: process and applications
2. Waste-to-biofuel conversion

23 February 2017

3. Science, Technology and entrepreneurship

Confirmed International Speakers

**Professor
Adessadek
Lachgar,**



Wake Forest
University,
Winston-
Salem,
NC-USA

**Professor
Magdalena
Titirici**



School of
Engineering
and
Materials
Science, Engineering
E406, Mile End, England

**Professor
Husseyin
Kara**



Selcuk
University,
Konya,
Turkey

**Professor
Nelson
Ramos
Stradiotto**



Sao Paulo
State
University
(UNESP)
Rio Claro, SP Brazil

Important dates

Deadline for abstract submission: 02 January 2017; Acceptance Notice: 15 January 2017

Registration Fees:

Symposium: Rs. 5000/= (faculty); Rs. 3000/= (student)
Workshop: Rs. 5000/= (faculty); Rs. 3000/= (student)
Both together: Rs. 8000/= (faculty); Rs. 5000/= (student)

Dr. Najma Memon

Organizing Secretary

Email: najmamemon@gmail.com

Website: <http://sindhwakebiocarbon.com/Event.html>

Organized by:

**National Centre of Excellence
in Analytical Chemistry**

University of Sindh, Jamshoro Pakistan