



Sociedad Mexicana
de Materiales A.C.



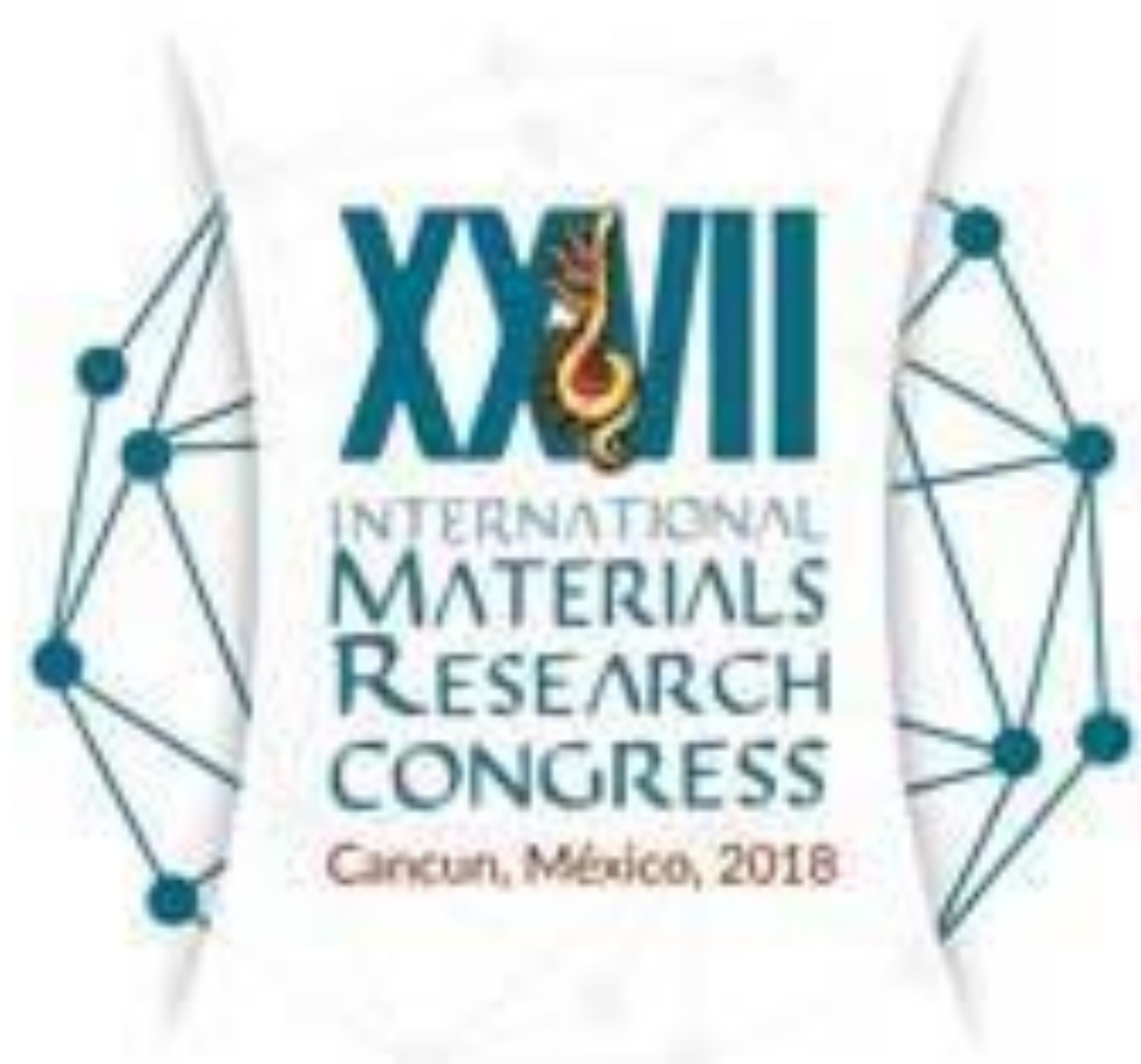
MATERIALS
RESEARCH
SOCIETY

Advancing materials. Improving the quality of life.

Symposium A1.

Nanostructured Carbon Materials and their Applications

Nanostructured carbon materials are playing an ever increasing role in the development of sustainable energy and environmental technologies, due to their remarkable combinations of critically important properties, such as low density, excellent chemical and electrochemical stability, high specific surface area, and controlled morphology, among others. The symposium will focus on recent progress made in tunable synthesis of nanostructured carbons and controlling their chemical and physical properties useful for different applications, such as: electrode materials for energy conversion, storage devices and sensing, actuators, desalination, energy harvesting, and others.

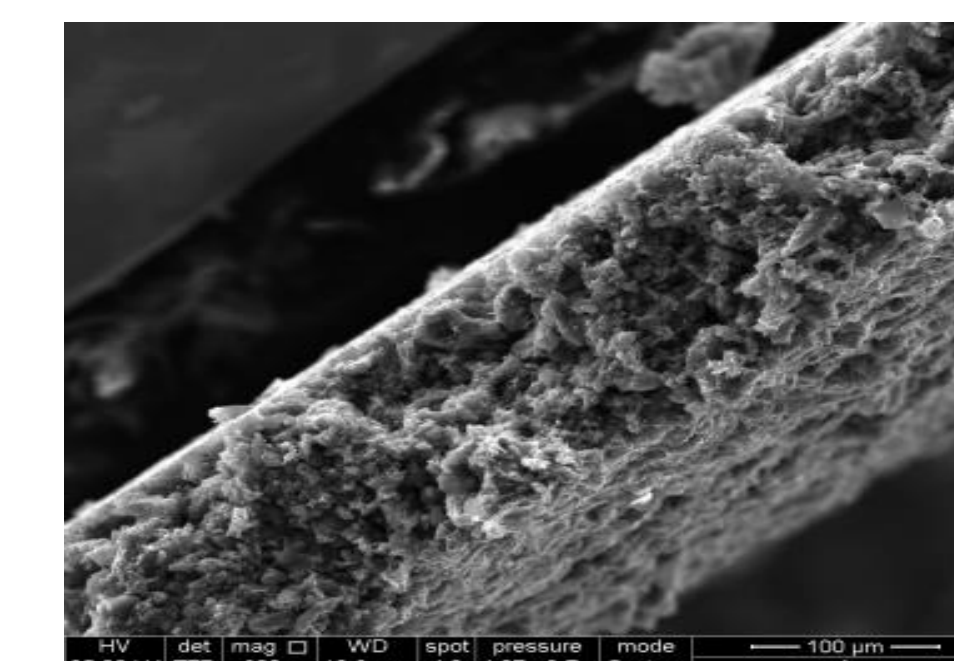
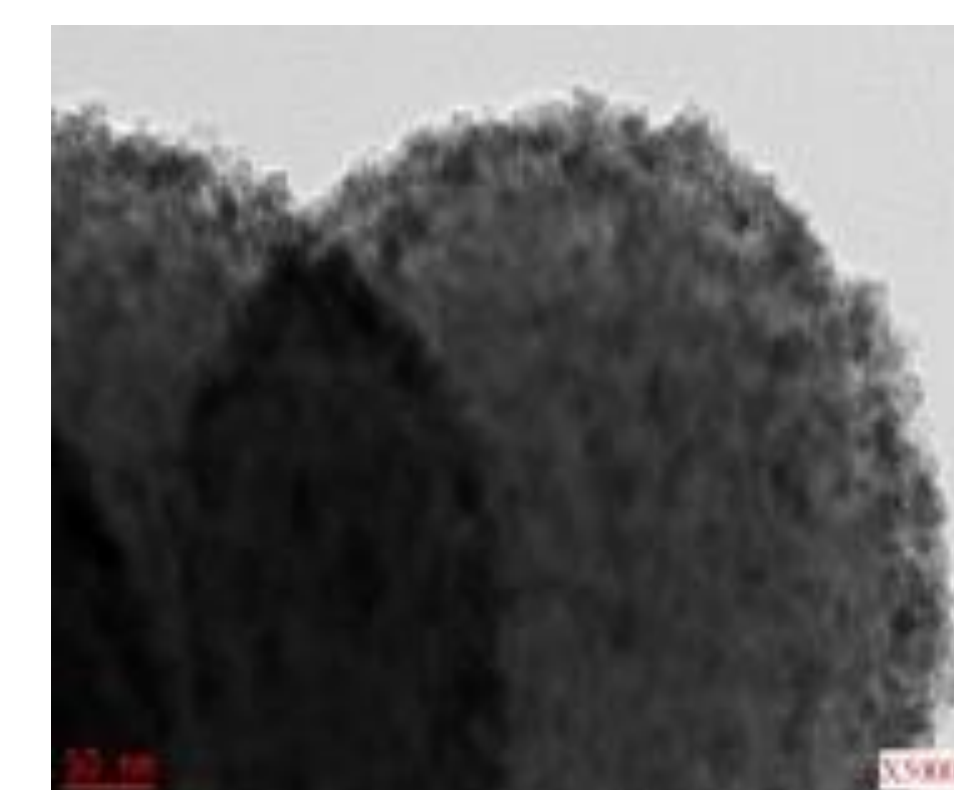
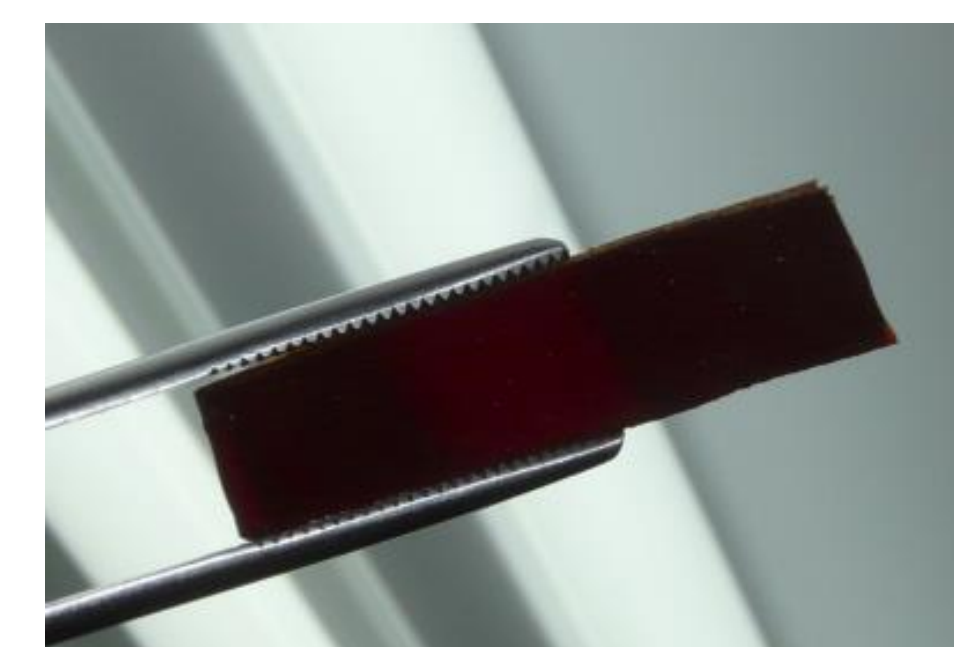


19-24 August, 2018

<http://www.mrs-mexico.org.mx/imrc2018/program-session.php?id=00004>

Symposium Topics:

- Preparation techniques to obtain nanocarbons
- Thermochemical and hydrothermal techniques to prepare carbons from biomass
- Carbons with controlled porosity
- Chemical surface modification of carbons
- Theoretical studies giving new insights in carbon properties
- In-situ/operando techniques to monitor the physical and chemical properties of carbons in energy and environment applications
- Applications of carbon materials in energy and environment



Deadline for Abstract Submission: March 15, 2018

www.mrs-mexico.org.mx/imrc2018