



Beyond Adsorption-II: New Perspectives and Challenges for Nanoporous Carbons

On July 20, after the Carbon 2019 conference, and on the very hot day in New York City, the scientists and engineers with interests in porous carbons met at the Beyond Adsorption-II workshop. The event was organized for the second time at the City College of New York, following a great success of the gathering in 2016. The workshop attracted the scientist from 14 countries and had a strong industrial presence. Such companies as Morgan Advanced Materials, Asbury Carbons, Ingevity, Immutrix Therapeutics, Inc. and Pine Research sponsored the event. It was also supported by American Carbon Society. The workshop topics covered recent advances in synthesis of new forms of porous carbons, in applications of carbons for energy storage, as supercapacitors, electrocatalysts, visible light active photocatalysts, adsorbents for advanced water and air cleaning, and chemical warfare agent's decontamination media. The fundamental research on the modification of carbon chemistry, advanced characterization methods, porosity control, and the effects of porosity on physicochemical phenomena was also covered. During very fruitful and stimulating discussions, recommendations towards the standardization of experimental approaches, results' discussion and limitations of experimental techniques were formulated.... Further outcomes will follow...

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