

SAMPLE ABSTRACT

Poster Title:

Organic Mesoporous Polymers:
Synthesis and Characterization

Poster Presenter:

Manasa Sridhar

Graduate Student

Authors:

Manasa Sridhar

Graduate Student

Krishna R. Gunugunuri

Graduate Student

Jung-Seung Kim

Graduate Student

Stephen W. Thiel

Graduate Student

Dr. Panagiotis G. Smirniotis

Faculty Advisor

Affiliation:

*Department of Chemical and Materials Engineering
University of Cincinnati*

Abstract:

Ordered organic porous materials possess tremendous potential to serve as adsorbents in the field of bio-separations. In our study we have synthesized ordered mesoporous phenol formaldehyde polymer resins by simple nanocasting method with siliceous Mesocellular Foams (MCF) as hard templates. BET, SAXS, TEM characterization of these materials have revealed interesting results.