Adsorption special issue on carbon dioxide capture

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Capture of carbon dioxide from industrial streams is a topic that is being intensively studied. Many works point to the possibility of using adsorption processes for selective CO₂ capture, as an alternative technique able to provide an energy and cost-efficient solution to existing absorption techniques by liquid solvents. The Adsorption journal solicited papers focussing on this topic which was selected as the first special topical issue that the journal is launching. This open call resulted in the collection of the attached 11 papers. They were all peer reviewed and represented contributions from geographically and topically diverse areas. Most of the papers are related to the development of new adsorbents, which represents an area of significant research. Papers that also describe the characterization of established

materials, such as Zeolite 13X, provide data that is critical for the design and cost-estimation of adsorption processes. We hope you will read these papers with interest. We thank the authors, reviewers and Dr. S. Farooq (Former Editor-in Chief of the Adsorption journal) for the opportunity to collaborate this special issue.

Sincerely

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