

This article was downloaded by:

On: 25 January 2011

Access details: *Access Details: Free Access*

Publisher *Taylor & Francis*

Informa Ltd Registered in England and Wales Registered Number: 1072954 Registered office: Mortimer House, 37-41 Mortimer Street, London W1T 3JH, UK



## Separation Science and Technology

Publication details, including instructions for authors and subscription information:

<http://www.informaworld.com/smpp/title~content=t713708471>

### Preface

Orhan Talu<sup>a</sup>; Shivaji Sircar<sup>b</sup>

<sup>a</sup> Cleveland State University, <sup>b</sup> Air Products & Chemicals, Inc.,

**To cite this Article** Talu, Orhan and Sircar, Shivaji(1992) 'Preface', Separation Science and Technology, 27: 14, 1823 — 1824

**To link to this Article:** DOI: 10.1080/01496399208019451

**URL:** <http://dx.doi.org/10.1080/01496399208019451>

PLEASE SCROLL DOWN FOR ARTICLE

Full terms and conditions of use: <http://www.informaworld.com/terms-and-conditions-of-access.pdf>

This article may be used for research, teaching and private study purposes. Any substantial or systematic reproduction, re-distribution, re-selling, loan or sub-licensing, systematic supply or distribution in any form to anyone is expressly forbidden.

The publisher does not give any warranty express or implied or make any representation that the contents will be complete or accurate or up to date. The accuracy of any instructions, formulae and drug doses should be independently verified with primary sources. The publisher shall not be liable for any loss, actions, claims, proceedings, demand or costs or damages whatsoever or howsoever caused arising directly or indirectly in connection with or arising out of the use of this material.

## Preface

---

Adsorption technology is finding an ever-increasing range of applications in today's world. These applications range from bulk separations of gas and liquid mixtures and process stream clean-up to ultrapurification and storage of permanent gases. These processes have a common thread in that they exploit an ability of solids to selectively concentrate species at their surfaces by adsorption. Two symposia devoted to Applications of Adsorption were held at the annual meeting of the American Institute of Chemical Engineers in Los Angeles on November 17–22, 1991. This issue of *Separation Science and Technology* contains a collection of papers that were presented at these symposia and that passed a rigorous review process.

The papers included in this issue are quite diverse in nature. On the one hand, it contains theoretical papers that deal with molecular simulations of methane adsorption on carbon surfaces with an eye toward possible adsorptive storage applications. On the other hand, it contains papers dealing with practical industrial applications of adsorption as a separation tool. Because of this diversity, we believe that this issue will prove useful to scientists engaged in fundamental research in adsorption as well as to practicing engineers who deal with industrial applications of adsorption.

Timely completion of such a task requires the cooperation and help of many groups of people. In this regard, we wish to express our gratitude to authors, reviewers, the publisher, and the professional organization. We thank the authors for their quality contributions and also for meeting the rigid time schedules imposed by the editors. The input of reviewers is crucial in any endeavor of this type, and this case is no exception. We thank all the reviewers for the timely and thorough reviews they provided of the manuscripts. Thanks are also due to the American Institute of Chemical Engineers and especially to the members of the Adsorption and Ion Exchange group. Finally, we are grateful to the publishers of *Separation*

*Science and Technology* and to Dr. J. Calvin Giddings for providing this opportunity to put this issue together.

Orhan Talu  
Cleveland State University

Shivaji Sircar  
Air Products & Chemicals, Inc.

April 29, 1992