Polymer Membranes

J. Kahovec (symposium ed.)
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In the last decades, investigation in the field of preparation and application of polymer membranes achieved remarkable success. A large number of papers and conference contributions devoted to this topic reflect the fast development of membrane research.

With the aim of meeting an ever-increasing interest in synthetic polymer membranes and their utilization in modern technologies, the well-known Prague Meetings on Macromolecules (P. M. M.) focused the issue of membranes in a recent symposium. The 41st Microsymposium of P. M. M. on "Polymer Membranes" was held-under the auspices of IUPAC-from 16-19 July 2001 at the Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic, in Prague. More than 100 participants from 19 countries took part in this scientific event.

The proceedings comprised 8 main and 20 special lectures of prestigious experts and 74 poster contributions. Particular attention was paid to the following topics: conductive polymer membranes, polymer electrolyte membranes for fuel cells, gas separation membranes, membrane hybrid systems, and polymer membranes for separation of biological mixtures. The quality and wide scope of the presented results is convincing evidence that developments in this attractive research area continue at a great rate.

www.iupac.org/publications/macro/2002/188_preface.html

Green Chemistry Education

P. Tundo and T. Patti (eds.)
INCA, 2001
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This book is the result of the joint IUPAC/OECD (Organisation for Economic Co-operation and Development) Workshop on Green Chemistry Education held in Venice in September 2001. The first section of the book deals with the following five topics:

- existing government and industry programs (R&D, awards, information, tools, etc.) useful for incorporating green chemistry into the education systems
- existing green chemistry educational materials, tools, initiatives, and sources
- educational areas that address green chemistry education
- elaboration and carrying out the green chemistry educational programs/projects with new educational materials/tools
- commitments and recommendations necessary to carry out green chemistry educational programs

The second section is a comprehensive listing of available green chemistry education resources, organized by categories such as literature, journal articles specific to green chemistry education, lecture courses (not degree courses), Web-based materials, software-based tools, public awareness materials, exchange programs, generic funding resources, industrial resources, and national and international competitions that promote green chemistry.

The "Floating Tree" by F. Tundo is the illustration that appears on the book cover of Green Chemistry Education.

The third section is devoted to a survey and its results. It gives an overview of the needs and the expectations of the worldwide organizations present at the workshop and operating in the field of green chemistry education.

The report is free to download from <helios.unive.it/inca/pubblicazioni.htm>. Printed copies are available upon request.

www.iupac.org/publications/books/author/tundo2.html