



Editorial

This special issue of *Adsorption* is devoted to the Pacific Basin Workshop on Adsorption Science and Technology (P-AST97) held at Kazusa Academia Center, Kisarazu, Japan, from May 8–10, 1997 and sponsored by the Japan Society on Adsorption.

The China-Japan-USA (CJA) Symposium on Advanced Adsorption Separation Science and Technology organized in China every three years since 1988 has contributed to develop adsorption science and technology in these three countries. The recent technological progress at the Pacific basin countries and regions has been significant and requested the CJA Symposium to be open to other countries. P-AST97 was an additional goal which is to encourage the organization of a new community of adsorption scientists in the Pacific basin countries and regions including the above three countries.

The papers were presented not only from the Pacific basin countries (Australia, China, Japan, Korea, Chinese Taipei, and USA), but also from European countries (France, Germany and UK). The workshop chairperson also made an effort to provide a good balance between science and technology and arranged a special session of adsorption-related topics in Japanese industries, where recent research activities at Mitsubishi Heavy Industries, Ltd., Toyota Central R&D labs., Inc. and Tokyo Gas Co. were introduced. The adsorption mechanisms, noble adsorbents and applications related to environmental needs were mainly discussed.

Eleven papers out of the 46 oral and poster presentations are included in this issue. Those papers are representative examples of the topics discussed at P-AST97, involving modeling of adsorption on heterogeneous surface, adsorption on activated carbon, protein adsorption, PSA, and characterization of noble adsorbents. We hope that this special issue expresses recent research activities on adsorption science and technology in Pacific basin countries and regions. We would like to thank Dr. Kent Knaebel for suggestion of this issue and his help.

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Guest Editors