

Preface

The 10th “International Symposium on Eco-materials Processing and Design (ISEPD2009) was held in Xi’An, R.P.China, January 13-15, 2009. The aim of the Symposium was to overview the present status with historical background and to foresee the future trends in the field of eco-materials processing and design for materials research. Serious global and environmental problems have led the materials manufacturing industries to closely monitor the formation and accumulation of carbon dioxide and other toxic gases in the atmosphere, the reduction of raw materials, the consumption of energy and other factors of impact to the industry.

Presentations and discussions were carried out on such topics as room and low-temperature synthesis, low-energy processing, aqueous synthesis and processing, the reuse and recycling of waste materials and the elimination of such hazardous materials as cadmium, mercury, lead and 6 valence chromium which are restricted from use on electronic components and automobile parts under the European Committee RoHS guidelines. The materials industries have addressed environmental concerns by investing in research of various materials for safe and clean systems and processes. The Symposium was composed of seven plenary talks, 50 invited talks, 79 normal oral talks and 265 poster presentations. Many fruitful and exciting research achievements were presented in the symposium, not only in the fundamental subjects, such as photochemistry, porous materials, sustainable energy such as solar cell, fuel cell, and biomass. This symposium provided a good chance for scientists to communicate and change their opinion with each others.

We would also like to express our sincere appreciation to all the members of the International Advisory Committees, and the Organizing Committee, the Lectures. It is

expect that the printed output of the proceedings of the all presentation paper at the ISEPD2009 will be accepted as an original and valuable contribution to the literature in the field of ecomaterials and processing.

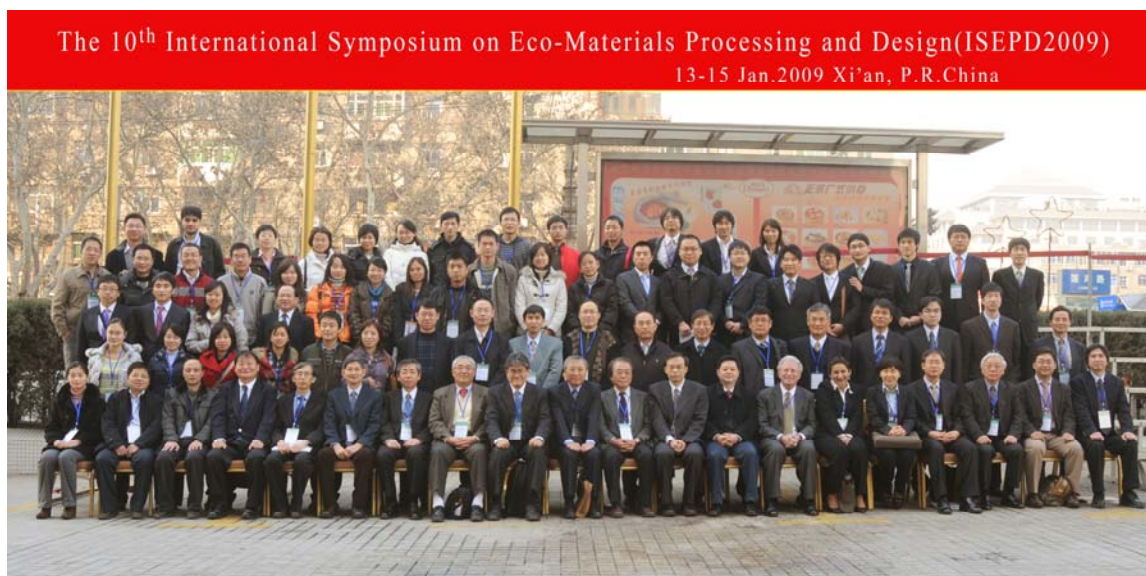
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Group photograph of the participants in the ISEPD2009 held at Xi'An, January 15 2009.