

Preface

2011 Workshop on Synthesis and Characterization of Inorganic Powders was held from July 20 to 22, 2011, in Kunming, China. This Workshop was co-sponsored by Kunming University of Science and Technology and Shanghai Institute of Technology, and supervised by Test Technique Branch of the Chinese Ceramic Society (TTC).

Powders are root materials for ceramics, as the starting compositions to prepare bulks or films. In addition, powders are usually used as additives for metals, polymers and composites. Whatever the function, powders, their characteristics and performances, dominate the properties and quality of final materials or products. Therefore, the importance of powders, including synthesizing and testing, will never be overstated.

The objective of this workshop, therefore, is to provide a forum for researchers, engineers and students, to disseminate their latest research results and exchange experimental views concerning the latest developments in the novel technology to fabricate and analyze ceramic powders. More than 110 scholars and students have brought their most recent information and participated this meeting.

During the symposium, 31 and 96 papers were presented in the oral and poster session, respectively, with total received manuscripts over 130. After review process, 111 papers were finally accepted for publication in this proceeding.

We would like to thank all members of the symposium committees and the organization staffs, for their hard work before, during and after the meeting. We are also greatly thankful to the participants, because of whose great efforts and cooperation, this event turned to be brilliant success.

This Workshop is regarded as the first event hosted by Academic Group on Powders of TTC, and serial activities will be organized annually in the forthcoming years. We are looking forward to seeing more friends again soon.

Hopefully this proceeding would be beneficial to all the participants of the workshop and the readers.

Prof. Cheng Zhang

Shanghai Institute of Technology
Shanghai 200235
China