

Preface

The special issue of *Ceramics International* contains a selection of refereed papers submitted to the 8th Asian Meeting on Electroceramics (AMEC-8), which was held from July 1 to July 5, 2012 at the Shangri-La's Rasa Sayang Resort & Spa in Penang, Malaysia.

There were 337 participants from 18 countries and regions with delegates from Malaysia, China, Thailand, Korea, Japan, Taiwan, Australia, India, and countries from Europe, United States, and other parts of Asia participated at this International Conference of AMEC-8. During the three and a half days conference, six plenary lectures, 54 invited talks, 98 oral presentations were delivered and 187 poster papers were posted on topics concerning the latest developments and progress in electroceramics related science and technology, including fundamental solid state physics, material science issues and advanced applications in electro/multi-functional devices.

The conference of AMEC-8 is one of the series of Asian Meeting on Electroceramics (AMEC) with previous meetings held in Kawasaki of Japan (2000, 2001), Singapore of Singapore (2003), Hangzhou of China (2005), Bangkok of Thailand (2006), Tsukuba of Japan (2008), and Jeju of Korea (2010). The great success and the great initiative and momentum of the earlier meetings should naturally be sustained. Thus, the continual spirit of the conference of AMEC-8 was to be a forum to strengthen research activities on electroceramics, to exchange and share the latest developments in science and technology of electroceramics in Asia and in other parts of the world as well. The major topics covered in this conference include dielectrics, piezoelectrics, ferroelectrics, magnetic ceramics, thin and thick films, semiconductors, conductive ceramics, optic ceramics, batteries and cells, sensors, physics and chemistry of electroceramics, characterization and measurements of structure and properties, and so on. All

papers submitted to this issue were peer-reviewed following the academic standards of this Journal and finally accepted by the publication committee of AMEC-8.

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