

# Preface

The International Ceramic Federation (ICF) convenes the International Congress on Ceramics (ICC) every two years in cooperation with the ICF member societies. During the congress, global business and technology leaders, scientists and researchers gather to share ideas and visions of the future for ceramics and inorganic materials, and to engage the worldwide ceramics community in a collective effort to expand the use of these materials in both conventional as well as new and exciting applications. The 1st - 4th ICC were held in Toronto (Canada 2006), Verona (Italy 2008), Osaka (Japan 2010) and Chicago (US 2012) and have been a great success.

Organized by the Chinese Ceramic Society on behalf of the International Ceramic Federation (ICF), the 5th International Congress on Ceramics (ICC5) was held from Aug. 17th-21st, 2014 in Beijing, China. More than 700 scholars and students have brought their most recent findings and participated this congress and more than 500 papers were presented in the oral and poster sessions, respectively. After the congress, 65 papers were submitted to the Organizing Committee and 56 papers were passed the review process and finally accepted for publication in this proceeding.

The Editors would like to thank the members of the Organizing Committee for their efforts and successful preparation of this event.

We would like to thank all colleagues who have devoted much time and effort to organize this meeting.

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***Organized by***

The Chinese Ceramic Society  
(on behalf of International Ceramics Federation)

***Co-Organized by***

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The Ceramic Society of Japan  
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