

## Preface



On behalf of the Organizing and Technical Committees, we are delighted to host the International Conference on Traditional and Advanced Ceramics (ICTA2015) in conjunction with ASEAN Ceramics 2015 at BITEC, Bangkok, Thailand during September 9-11, 2015.

The conference consists of 3 plenary lectures, 13 invited lectures, 31 oral research presentations and 56 poster presentations covering recent advancements in Ceramic and Glass Materials research ranging from Industrial Ceramics, Advanced Ceramics, and Glaze and Glass Technology. A total of 120 scientists and researchers from universities, institutes and industries from 10 countries are contributing to this International Conference to discuss and share further developments in Ceramic and Glass Materials.

We would like to welcome you to ICTA2015 and ASEAN Ceramics 2015 in Bangkok which is one of the most attractive tourist destinations in South East Asia, a city that is full of traditional and modern cultures. We also hope that all of you can have an excellent opportunity for interaction and friendship with participants from over the world.

And thank you all sponsors such as Chulalongkorn University, Asian Exhibition Services (AES) Ltd., Office of Naval Research Global (ONRG), Siam Cement Public Company Limited (SCG), Faculty of Engineering, Kasetsart University and Faculty of Engineering and Industrial Technology, Silpakorn University, and all committees and the participants.

Finally, I would like to thank you to all of you for your kind support and your participation in ICTA2015 and ASEAN Ceramics 2015 at BITEC, Bangkok, Thailand.

Dr. Somnuk Sirisoonthorn  
ICTA2015 Conference Chair



On behalf of the organization committee, I would like to welcome you to Bangkok, the capital city of Thailand and to the International Conference on Traditional and Advanced Ceramic 2015 (ICTA2015). For this special occasion, the conference is held in conjunction with ASEAN Ceramics 2015, the most comprehensive ceramic-exhibition in Asia. ASEAN Ceramic 2015 and ICTA2015 eventually bring together ceramic experts, ceramic suppliers, machine manufacturers, ceramic scientists and engineers from all over the world.

ICTA2015 has potentially become one of the most distinguished international meetings for researchers, scientists, engineers, and specialists in the fields of ceramic and glass. The conference offers the most updated researches in science and technology of this field, as well as the opportunity for the ceramic and glass experts to present, share and discuss their works intensively on the topics of Ceramic Industry Research, Advanced Ceramics, and Glaze and Glass Technology.

The success of ICTA2015 depends on many people who have worked very hard in planning and organizing the technical program/exhibition and supported all the meeting arrangements. Thus, I would like to thank all the organization committee, technical committee, sponsors, and the participants for all the successful outcomes of the meeting.

Assistance Professor Dr. Sirithan Jiemsirilers

ICTA2015 Conference Chair

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