

# ICTA2017

## International Conference on Traditional and Advanced Ceramics 2017

August 31 – September 1, 2017

Bangkok International Trade & Exhibition Centre (BITEC), THAILAND

## Summary Report

### Total Delegates 166

- Local 140
- Oversea 26

### Total Delegates by Countries

- Thailand 140
- Japan 13
- Malaysia 3
- Turkey 3
- Germany 1
- Italy 1
- Laos 1
- Philippines 1
- Switzerland 1
- Vietnam 1
- Hungary 1

### Attendance

- Total Registration 140
- Total Attendance 166
- Show-Up Rate 119%

### Number of Presentations 110

- Plenary Lectures 4
- Invited Lectures 13
- Oral Presentations 28
- Poster Presentations 65

### Best Poster Awards 7

- Best Poster Award 5
- Best Poster Award 1<sup>st</sup> Runner-up 2

### Sponsors

- SCG Chemicals Co., Ltd.
- Advanced Materials Cluster, Chulalongkorn University
- Faculty of Engineering, Kasetsart University
- Faculty of Engineering and Industrial Technology, Silpakorn University
- Center of Excellence on Petrochemical and Materials Technology (PETROMAT)
- Asian Exhibition Services (AES) Ltd.

## Total Papers by Sessions (number of abstract submission = 104)

Sessions	Accepted Abstracts 104		Presented Abstracts 93	
	Oral	Poster	Oral	Poster
Advanced Ceramics	11	24	10	22
Ceramic for Industrial Technology	10	25	9	22
Ceramic Art and Design	2	5	1	5
Glass and Coatings Technology	4	8	4	6
Materials Testing and Characterization	4	11	4	10
<b>Total</b>	<b>31</b>	<b>73</b>	<b>28</b>	<b>65</b>

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### Poster Award

#### Ceramic Industrial Technology Session

##### - Best Poster Award

**IND-P-077** Synthesis of Cu-doped  $\text{ZnFe}_2\text{O}_4$  Black Pigment with High NIR Reflectance  
*Mantana Suwan*

*National Metal and Materials Technology Center, Thailand*

**IND-P-096** Fabrication and Characterization of Low Thermal Expansion Cordierite/Spodumene/Mullite Composite Ceramic for Cookware  
*Pranee Junlar*

*Chulalongkorn University, Thailand*

##### - Runner-up Poster Award

**IND-P-069** Utilization of Aluminium Dross as a Main Raw Material for Synthesize Geopolymer  
*Pimchanok Puksisuwan*

*Thammasat University, Thailand*

#### Advanced Ceramics Session

##### - Best Poster Award

**ADV-P-100** Enhancing the Phase Conversion of Hydroxyapatite from Calcium Sulphate Hemihydrate by Hydrothermal Reaction  
*Nuntiwat Pewkeaw*

*Chulalongkorn University, Thailand*

##### - Runner-up Poster Award

**ADV-P-049** Preparation of Porous Cylindrical Tubes Substrates from Zeolite and Clay for  $\text{TiO}_2$  Photocatalyst Coating  
*Nithiwach Nawaukkaratharnant*

*Chulalongkorn University, Thailand*

#### Glass and Coatings Technology Session

##### - Best Poster Award

**GLA-P-018** Effect of the Addition of  $\text{ZrSiO}_4$  on Alkali-resistance and Liquidus Temperature of Basaltic Glass  
*Napaporn Vaiborisut*

*Chulalongkorn University, Thailand*

#### Materials Testing and Characterization Session

##### - Best Poster Award

**MAT-P-082** Effect of Addition of  $\text{MgO}$  and  $\text{ZrO}_2$  on High Temperature Deformation of Fine-grained  $\text{Al}_2\text{O}_3$   
*Reo Teradaira*

*Kyoto Institute of Technology, Japan*