ICTA2019

International Conference on Traditional and Advanced Ceramics 2019

August 28 – 29, 2019

IMPACT Forum (Sapphire 108-110), Muang Thong Thani, THAILAND

AOCF-8

The 8th Asia-Oceania Ceramic Federation Conference

Summary Report

Total Delegates	**104**
▪ Local	84
▪ Oversea	20
Total Delegates by Countries	
▪ Thailand	84
▪ Japan	11
▪ South Korea	3
▪ Turkey	3
▪ Australia	2
▪ Taiwan	1
Attendance	
Total Registration	118
Total Attendance	104
Show-Up Rate	88.13%

Best Poster Awards	**6**
▪ Best Poster Award	2
▪ Best Poster Award Runner-up	4

Number of Presentations	**82**
▪ Plenary Lectures	2
▪ Invited Lectures	10
▪ Oral Presentations	19
▪ Poster Presentations	51

Sponsors

- The Siam Cement Public Company Limited (SCG)
- Center of Excellence on Petrochemical and Materials Technology (PETROMAT)
- Faculty of Engineering and Industrial Technology, Silpakorn University
- AES Exhibition Services (AES) Ltd.

Total Papers by Sessions (number of abstract submission = 75)

Sessions	Accepted Abstracts 75		Presented Abstracts 70	
	Oral	Poster	Oral	Poster
Advanced Ceramics	7	20	7	20
Ceramic for Industrial Technology	8	26	7	25
Ceramic Art and Design	2	1	2	1
Glass and Coatings Technology	4	2	3	2
Materials Testing and Characterization	0	5	0	3
Total	21	54	19	51

Organizers MTEC a member of NSTDA

e-Abstract Book

ICTA2019

International Conference on Traditional and Advanced Ceramics 2019

Poster Award

Session : Ceramic Industrial Technology

Best poster:

IND-P-014 : Synthesis of Tridymite Phase and Phase Transition Behavior of SiO_2 from Amorphous Silica in the Presence of K_2O or Silica Brick Waste

- Tomoko Kitani, Takayuki Sano and Takeshi Shiono
  Kyoto Institute of Technology, Japan

Runner up:

IND-P-017 : Factor in Formation of Bubbles at the Interface between Borosilicate Glass and Dense Zircon Refractory

- Hiroki Akahane and Takeshi Shiono
  Kyoto Institute of Technology, Japan

Runner up:

IND-P-011 : Effect of Coir and Polypropylene Fiber on Mechanical Properties of Reinforced Kaolin Based Geopolymer

- Khemmakorn Gomonsirisuk and Parjaree Thavornithi
  National Metal and Materials Technology Center, Thailand

Session : Advanced Ceramic

Best poster :

ADV-P-010 : Effect of Argon Flow Rate on the Phase Formation of B_4C Synthesis from Glutinous Rice Flour via Carbothermic Reduction Process

- Kannigar Dateraksa and Sujarinee Sinchai
  Chulalongkorn University, Thailand

Runner up:

ADV-P-048 : Organic Binder-Silica Composite Aerogel with Improved Mechanical Strength

- Kyu-Yeon Lee, Dinesh Mahadik, Taehee Kim and Hyung-Ho Park
  Yonsei University, South Korea

Runner up:

ADV-P-016 : Effect of TiO_2 Addition on CA_6 Formation in Alumina Castables

- Hiroki Shinka and Takeshi Shiono
  Kyoto Institute of Technology, Japan