

# 1<sup>st</sup> Taiwan-Japan Workshop on Powder Processing Technology for High Quality Products

**Date:** September 24, Tuesday, 2019

**Venue:** Conference room, Institute of Applied Mechanics, National Taiwan University  
No.1, Sec.4, Roosevelt Rd., Taipei 10617, Taiwan

TIME	TOPIC	SPEAKER
08:00-09:00	Registration	
09:00-09:20	Opening	Dr. Masataka Kamitani Chairman of TOC, APPIE  Mr. Eric Yeh President, Taiwan Ceramic Society  Prof. Yung-Jen Lin Vice President, Taiwan Ceramic Society
<b>Keynote I</b>		
09:20-09:50	Importance of Powder Processing for High Performance Advanced Ceramics	Prof. Makio Naito Osaka University, Japan
<b>Keynote II</b>		
09:50-10:20	Microstructure Control of Bioceramics	Prof. Wei-Hsing Tuan National Taiwan University, Taiwan
10:20-10:50	<b>Coffee Break</b>	
<b>Session I Introduction of Powder Processing Technology in Japan</b>		
10:50-11:15	Technology of Fine Grinding using Dry Beads Mill	Dr. Toshihiro Ishii Ashizawa Finetech Ltd
11:15-11:40	Introduction of the Latest Technology about Fine-grinding Mills and High-performance Mixers	Mr. Osamu Ishikawa Nippon Coke & Engineering Co., Ltd.
11:40-12:05	Low Damage and Homogeneous Nano-particle Dispersion using Bead Mill	Mr. Nobuyuki Kataoka Hiroshima Metal & Machinery Co., Ltd.
12:05-13:30	<b>Lunch and Poster Session</b>	
<b>Keynote III</b>		
13:30-14:00	DEM Simulation for Design of Grinding Processing	Prof. Junya Kano Tohoku University, Japan
<b>Session II Introduction of Powder Grinding Technology in Taiwan</b>		
14:00-14:25	Elementalization Doping of Ceramic Powder or Slurry in MLCC Application <small>【會議地點】臺大應力所國際會議廳 台北市羅斯福路四段一號 應力學研究所</small>	Dr. Chun-An Lu Industrial Technology Research Institute (ITRI), Taiwan
14:25-14:50	A Case Study on Milling Process for Dielectric Powders <small>【報名網址】www.tccers.org.tw</small>	Dr. Chung-Ya Tsao Prosperity Dielectric Co. Ltd., Taiwan
14:50-15:15	Recent Progress of Nano dispersing technology and its Applications in Taiwan	Dr. Kevin Chen, Just Nanotech Co., Ltd
15:15-15:35	<b>Coffee Break</b>	
<b>Session III Introduction of Powder Processing Technology in Japan</b>		
15:35-16:00	Highly Accurate Pulverization with the Horizontal Circulation Jet Mill	Mr. Kazumi Kozawa Nisshin Engineering Inc.
16:00-16:25	Basics and Industrial Applications of DEM Simulation	Dr. Mikio Yamanoi Prometech Software, Inc.
16:25-16:50	Ceramic Nanoparticles Synthesized by the Supercritical Method and their Properties	Dr. Masataka Kamitani ITEC Co., Ltd.
16:50-17:00	Closing remarks	Prof. Wei-Hsing Tuan National Taiwan University