Poster Session

Friday, October 27

“KYOKUKO (ASAHI & HIKARI)”

18:00 – 18:30  Free Session
18:30 – 19:10  Session for Presentation Number with “A”
19:10 – 19:50  Session for Presentation Number with “B”
19:50 – 20:30 Session for Presentation Number with “C”
20:30 – 21:00  Free Session

P-01-A  Hideo Andoh and Hiroki Tsuya  
(SPS syntex Inc.)
“Binder-less hardmetal M78 & SPS process and systems”

P-02-B  Shuichi Arakawa  
(Toyota Technological Institute)
“Ion dynamics in perovskite-type lithium ion conductors”

P-03-C  Takayuki Ban  
(Gifu University)
“Application of sol-gel technique to synthesis of zeolites”

P-04-A  Takatoshi Futami  
(Toyohashi University of Technology)
“Contact mechanics of copper-graphite particulate composites”

P-05-B  Yuji Goto  
(FDK corporation)
“Development of high frequency multilayer device using ferrite”

P-06-C  Yongsheng Han  
(Nagoya Institute of Technology)
“Bubble template method for synthesis of hollow particles”

P-07-A  Masatomo Hattori  
(Nagoya Institute of Technology)
“Ultrasonic vibration potential of ceria-alumina composite particles and effect of the surface composition in water”

P-08-B  Atsushi Hirano  
(Mie University)
“Electrochemical properties for Cu$_{5-x}$Li$_x$FeS$_4$”

P-09-C  Sawao Honda  
(Nagoya Institute of Technology)
“Thermal shock testing of ceramics”

P-10-A  Kouki Horiba  
(Isolite Insulating Products Co., LTD.)
“Business Guide -Isolite Insulating Products Co., Ltd.-”

P-11-B  Kazuomi Hoshino  
(Cotec Co., LTD.)
“Initation of company and technology”

P-12-C  Hiroshi Itahara  
(Toyota Central R&D Labs. Inc.)
“Fabrication of textured ceramics of thermoelectric layered cobalites”

P-13-A  Kouta Iwasaki  
(Nagoya University)
“Thermoelectric properties of Sr$_6$Co$_5$O$_{15-}$ single crystal”

P-14-B  Kiyofumi Katagiri  
(Nagoya University)
“Preparation of multilayered organic-inorganic nanohybrids via layer-by-layer assembly”

P-15-C  Juji Kato  
(FDK Corporation)
“Mechanical and magnetic properties of multilayer ferrite”
P-16-A  Takeharu Kato  
(Japan Fine Ceramics Center) 
“Nanostructural characterization of \( \text{YBa}_2\text{Cu}_3\text{O}_{7-x} \) coated conductors with \( \text{BaZrO}_3 \) rods deposited by pulsed-laser deposition”

P-17-B  Yoshiaki Kinemuchi  
(National Institute of Advanced Industrial Science and Technology (AIST)) 
“c-Axis texturing of \( \text{Bi}_4\text{Ti}_3\text{O}_{12} \) thick film”

P-18-C  Nobuyuki Kobayashi  
(NGK Insulators LTD.) 
“Micro-ceramic technology”

P-19-A  Yoshimasa Kobayashi  
(NGK Insulators LTD.) 
“Microcracking behavior of AlN ceramics in sliding test”

P-20-B  Naoki Kondo  
(National Institute of Advanced Industrial Science and Technology (AIST)) 
“Silicon nitride based ceramics for metal casting use”

P-21-C  Liwei Lin  
(Nagoya Institute of Technology) 
“Effect of pH on synthesis of single crystalline \( \text{ZnO} \) tubes”

P-22-A  Hiroki Maenami  
(INAX Corporation) 
“Hydrothermal solidification of Al-rich inorganic waste materials”

P-23-B  Yoshitake Masuda  
(National Institute of Advanced Industrial Science and Technology (AIST)) 
“Morphology control of zinc oxide particles at low temperature”

P-24-C  Atsunori Matsuda  
(Toyohashi University of Technology) 
“New proton conductive composites with multi-heterointerface structures”

P-25-A  Ruben Labandera Menchavez  
(Nagoya Institute of Technology) 
“Gelcasting of alumina slurry with additions of polyacrylamide and plasticizer”

P-26-B  Takashi Miwa  
(Gifu University) 
“Fabrication of PZT thin film from halogen-free aqueous PZT precursor solution”

P-27-C  Keita Miyajima  
(Noritake Co. Limited) 
“Fabrication of Si-N based microporous membrane for high temperature hydrogen separation”

P-28-A  Yoichiro Mizutani  
(NGK Spark Plug Co., LTD.) 
“Preparation of poly (lactic acid) short fibers for the application to porous composites”

P-29-B  Akira Morikawa  
(Toyota Central R&D Labs. Inc.) 
“New concept CeO2-ZrO2 solid solution for automotive exhaust catalysts”

P-30-C  Hiroyuki Muto  
(Toyohashi University of Technology) 
“Surface deformation of superplastic materials at elevated temperatures”

P-31-A  Atsushi Nagai  
(Noritake Co. Limited) 
“Pb-free silver conductive paste with high reliability”

P-32-B  Takaaki Nagaoka  
(National Institute of Advanced Industrial Science and Technology (AIST)) 
“Forming and sintering of alumina-based ceramics by new eco-friendly process”

P-33-C  Tomoaki Nakamura  
(Toyohashi University of Technology) 
“Fabrication of barium titanate using precursor solution prepared by aqueous halogen-free titanate solution”

P-34-A  Yasuhiro Nakanishi  
(NGK ADREC CO., LTD.) 
“Information of NGK ADREC CO., LTD.”

P-35-B  Yoshitoyo Nishio  
(Nagoya Institute of Technology) 
“Effect of preparation methods on the thermal stability of rare earth modified transition alumina”
P-36-C  Seizo Obata  
(Gifu Prefectural Ceramics Research Institute)  
“Synthesis of hematite-alumina red pigment for porcelain”

P-37-A  Satoshi Ohara  
(Tohoku University)  
“Supercritical hydrothermal synthesis of organic-inorganic hybrid nanoparticles”

P-38-B  Yoshimi Ohzawa  
(Aichi Institute of Technology)  
“Surface-modification of carbon for lithium-ion battery using chemical vapor infiltration”

P-39-C  Ryo Sasai  
(Nagoya University)  
“Resource recovery from advanced ceramics by hydrothermal treatment”

P-40-A  Yoshiyuki Sensui  
(MINO CERAMIC Co., Ltd.)  
“to be determined”

P-41-B  Tsuyoshi Suwa  
(Nagoya Institute of Technology)  
“Partially-disordered structure of quasi one-dimensional conductor Tb3RuO7”

P-42-C  Kazuyuki Suzuki  
(National Institute of Advanced Industrial Science and Technology (AIST))  
“Construction and characterization of (Y,Yb)MnO3/HfO2 staking layers for application to FeRAM”

P-43-A  Yosuke Takahashi  
(Noritake Co. Limited)  
“Development of ceramic membrane for oxygen gas separation”

P-44-B  Chika Takai  
(Nagoya Institute of Technology)  
“Improvement of nano silica particle dispersability into polymer matrix”

P-45-C  Kosuke Tamaki  
(Nagoya Institute of Technology)  
“Flexible ceramic imitating itacolumite (Konnyaku stone)”

P-46-A  Takahiro Tomita  
(NGK Insulators Ltd.)  
“Environmentally benign processing of ceramic foam by combining sol-gel reaction and mechanical foaming”

P-47-B  Takahisa Tsugoshi  
(National Institute of Advanced Industrial Science and Technology (AIST))  
“Applications of ion attachment mass spectrometry (IAMS) for monitoring of firing process”

P-48-C  Daisuke Uematsu  
(Nagoya Institute of Technology)  
“Magnetic properties of Bi substituted garnet thin film on GGG (100) and (110) substrate for MO indicator”

P-49-A  Masashi Wada  
(Japan Fine Ceramics Center)  
“Oxygen permeation property of oxide ceramics at ultra-high temperature”

P-50-B  Dong-Mei Wang  
(Science and Technology Commission of Shanghai Municipality)  
“Materials research in Shanghai”

P-51-C  Osamu Watanabe  
(INAX Corporation)  
“Development of an autonomous humidity controlling material with meso pores”

P-52-A  Toshiaki Yamaguchi  
(National Institute of Advanced Industrial Science and Technology (AIST))  
“Advanced ceramic reactor research project”

P-53-B  Takashi Yoshiguchi  
(Nagoya Institute of Technology)  
“Crystal growth of KNbO3 by solution-dropping method”

P-54-C  Takeshi Yokota  
(Nagoya Institute of Technology)  
“Preparation and the dielectric properties of magneto-electric capacitor: (Cr, Fe)2O3 thin films”

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