Poster Session (Nov. 24th, 13:00-14:20)

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1034	P1-01	Synthesis of Nanometer-sized Ceria Particles by Electrolysis of Aqueous Solution Mr. HANADA Takaaki Kagoshima University
1115	P1-02	A Novel Technique for Preparation of Nano-spherical Clay Particles Dr. MINAGAWA Kazumi National Institute for Materials Science
1164	P1-03	Fabrication of α-Alumina Nanopowders by Thermal Decomposition adding Mg(NO3)26H2O to Ammonium Aluminum Carbonate (AACH) Prof. OH Yong Taeg Chosun University
1203	P1-04	The Effect of the Chemical Composition of Waste Hard Metal and Grain Size on the Disjoining Reaction in the Zn Process Ms. KIM Soo Min Korea Institute of Ceramic Engineering and Technology
1210	P1-05	Characterisation of Dark Core and Blue Patch in Mong Hsu Ruby Ms. MANEERATANASARN Prachuporn Hanyang University
		Traditional Ceramics
1150	P2-01	A Study on the Geryong Mountain Buncheong Porcelain Compounded with Iron Using Image Cut Raman Microscope Mr. LIM Seong-Ho Myoungji University
1145	P2-02	Black Core Formation of Artificial Lightweight Aggregates at Reduced Atmospheres Mr. RYU Yugwang Kyonggi University
1167	P2-03	The Effect of Additive on Tribological Properties of Cu-C-Fe3O4-Sn Sintered Friction Materials Prof. OH Yong Taeg Chosun University
1169	P2-04	The Effect of Graphite and Cu Content on Tribological Behavior in Cu-Sn Sintered Friction Materials Prof. OH Yong Taeg Chosun University
1174	P2-05	Characterization of Aerosol-Deposited Al2O3 Thick Films on Arc Plasma Anodized Al2O3 Interlayer for Plasma Resistance Mr. CHOI Joo-Hyun1,2 1 Kwangwoon University, 2 Seoul National University of Technology
1198	P2-06	Evaluation of Microstructure and Mechanical Property in Large-Scale Alumina Ceramics Made by Pressure Casting Molding Mr. CHOI Hyo Sung Korea Institute of Ceramic Engineering and Technology
		Synthesis & Processing
1007	P3-01	Characteristics of AlON ceramic Coatings on Al6061 Alloys Prepared by Electrolytic Plasma Processing in Different Electrolytes Mr. WANG Kai Changwon National University
1008	P3-02	Effect of Phosphate and Nitrate Electrolytes on Growth of Ceramic Coatings on Al6061 Alloys Prepared by Electrolytic Plasma Processing Mr. BYEON Sangsik Changwon National University
1232	P3-03	Synthesis and Characterization of (Y3Al5-xGaxO12:Cey3+, YAG) Nanoparticles by a Reverse Micelle Process Mr. KIM Min Yeong Changwon National University
1249	P3-04	Fabrication of Permanent Transparent Condunting Electride 12CaO7Al2O3(C12A7) by Pulsed Current Sintering(PCS) Method Mr. Junho CHUNG Hanyang University
1056	P3-05	Solvothermal Synthesis of Single-Crystalline BaTiO3 Wires Mr. IJICHI Dai Nagoya University
1075	P3-06	Anomalous Water Absorption/Adsorption of Shock Compressed toBermorite Pfor. ATOU Toshiyuki Tokyo Institute of Technology
1098	P3-07	Pressure Filtration of Alumina Suspensions Under Alternative Current Field Mr. MATSUSHIMA Kouichirou Kagoshima University
1111	P3-08	Hydrothermal Syntheses of Interstratified Clay Minerals from (K, Na)-Montmorillonite Glass Dr. YAMADA Hirohisa National Institute for Materials Science
1116	P3-09	Synthesis of Zeolite Na-P1 from Fly Ash using Alkaline Hydrothermal Treatment for Removal of Ammonium and Phosphate Ions in Water System Dr. WATANABE Yujiro Kanazawa Institute of Technology
1118	P3-10	Preparation of Oxide Hollow Capsules Using SiO2 Gel Particles as Templates Mr. KAMIYA Jumpei Nagoya University
1104	P3-11	Silica Coating on Highly Dispersed Iron Nano-Size Powders

		Prof. ISHIGAKI Takamasa 1,2 1 Hosei University, 2 National Institute for Materials Science
1172	P3-12	Effects of Acceleration Gases and Plasma Assistance for Aerosol Deposition on Film Hardness Dr. BABA So National Institute of Advanced Industrial Science and Technology
1186	P3-13	Investigation of Optical Transparency for Ceramic Films Prepared by Aerosol Deposition Mr. TSUDA Hiroki National Institute of Advanced Industrial Science and Technology
1192	P3-14	Synthesis of Nano-Nano Composite Powder Using by Porous AlN and Yttrium Alkoxide Mr. PARK Jong Chul Korea Institute of Ceramic Engineering and Technology
1201	P3-15	The Effect of II, III, IV Group Doping on The Red Color Tone and Nitridation of Tantalum Based Materials Ms. PARK Eun-Young Korea Institute of Ceramic Engineering and Technology
1218	P3-16	The Effect of Alkaline Metal Contents and Particle Size of Alumina Powder on The Spheroidization in the Thermal Spray Process Ms. EOM Sun Hui Korea Institute of Ceramic Engineering and Technology
1225	P3-17	Preparation of Silicon-Substituted Hydroxyapatite Powders by Ultrasonic Spray-Pyrolysis Technique and its Sinterability Mr. KIKUSHMA Kouichi Meiji University
1248	P3-18	Laser Assisted Ink-Jet Printig for Wiring Fine Pattern Dr. ENDO Akito National Institute of Advanced Industrial Science and Technology
1002	P3-19	Homogeneous Precipitation of Spherical ZnO Particles Covered with +c-plane Dr. HANEDA Hajime 1,2 1 National Institute for Materials Science, 2 Kyushu University
		Electronic Ceramics
	P4-01	Electronic Structures of Defects and Impurities in Layered mixed Anion Compounds Prof. KAMIYA Toshio1,2 1 Tokyo Institute of Technology, 2 Japan Science and Technology Agency
	P4-02	First Principles Calculations of Defect Energetics of STO Symmetric Tilt Grain Boundaries Mr. LEE Haksung The University of Tokyo
	P4-03	Resistance Switching at Pt/SrTiO3:Nb Junctions Investigated by Photoemission Dr. LI Jianyong National Institute for Materials Science
	P4-04	Magneto-Charge Injection Property of Cr2O3/Ferromagnetic filter/Cr2O3-x/Ferromagnetic filter/CeO2/Si MIS Capacitor Mr. MURATA Shotaro Nagoya Institute of Technology
	P4-05	The Influence of NiFe2O4 Doping on The Structure, Magnetic and Electrical Properties of La0.7Ca0.3MnO3 Mr. KIM Young Joo Changwon National University
	P4-06	Dynamical Properties of Multiferroic BiFeO3 Probed by Brillouin and Raman Spectroscopy Mr. TSUKADA Shinya University of Tsukuba
	P4-07	Dielectric Spectroscopy of Lead-Free Ferroelectric (1-x)(Na0.5Bi0.5)TiO3-xBaTiO3 Single Crystals Mr. ONDA Yosuke University of Tsukuba
	P4-08	Selection of Templates for Surface-Orientation-Controlled K1/2Na1/2NbO3 Ceramics Dr. CHOI Si-Young Korea Instititute of Materials Science
	P4-09	Relationships between Crystal Structure and Electrical Properties of Agx(K0.5Na0.5)1-x(Nb1-yTay)O3 Ceramics Mr. SEO Seock No Kyonggi University
	P4-10	High-power Piezoelectric Characteristics of Some Bismuth Layer-structured Ferroelectric Ceramics Mr. NOUMURA Yoji Tokyo University of Science
	P4-11	Application of The Metal Core Piezoelectric Fiber Dr. SATO Hiroshi National Institute of Advance Industrial Science and Technology
	P4-12	Direct-Patternable BiFeO3 Thin Films formed by Photochemical Metal-Organic Deposition Mr. LEE Hong-Sub Yonsei University
	P4-13	Enhancement of High-Temperature Stability of Silver Paste by Incorporation of Conducting Oxides Mr. KIM Hyuncheol Yonsei University
	P4-14	PZT/Garnet Hybrid Structure for Voltage Driving of MOSLM Dr. CHUNG Kwanghyun Toyohashi University of Technology
	P4-15	Dielectric Properties of BaTiO3 Films Prepared by Aerosol Deposition Method

		Dr. SUZUKI Muneyasu National Institute of Advanced Industrial Science and Technology
	P4-16	Development of Electric Nanocomposite Fims by Aerosol Deposition Method Dr. PARK Jaehyuuk National Institute of Advanced Industrial Science and Technology
	P4-17	Influence of Carbon black on the Microstructure and Electrical Properties for Y-doped (Ba, Sr)TiO3 Ceramics Mr. LEE Ki-Ju Inha University
	P4-18	Deep Levels in Heavily Al-doped ZnO Thin Films for Transparent Electrode Applications Dr. LI Baoe National Institute for Materials Science
	P4-19	Charge transport mechanism in AlN Ceramics Dr. LEE Sung-Min Korea Institute of Ceramic Engineering & Technology
	P4-20	Thermal Properties of a Low k Dielectric Reinforced with Hollow Perlite Mr. LEE Chungyong Inha University
	P4-21	High Temperature Thermoelectric Properties of Ca1-xBixMn1-yNbyO3 (0x=y0.1) System Mr. KWAK Dong Ha Ajou University
	P4-22	Effects of Crystallization on Thermal Conductivity of Diopside Mr. JEON Chang Jun Kyonggi University
	P4-23	Low Temperature Sintering and Microwave Dielectric Properties of Silica-Alumina/Zinc Borosilicate Glass System Mr. KIM Kwan Soo Kangung-Wonju National University
	P4-24	The Structure and Photoluminescence Properties of ZnS Nanowires Sheathed with TiO2 by Metal Organic Chemical Vapor Deposition Prof. LEE Chongmu Inha University
	P4-25	The Structure and Photoluminescence Properties of ZnSecore/ SiO2 Shell Nanowires Prof. LEE Chongmu Inha University
	P4-26	Physical and Dielectric Characteristics of Nanoglass-driven Dielectrics Ms. DOO Saehanna Yonsei University
	P4-27	The Crystal Growth and Electrical Properties of CaO-Al2O3 Compound Dr. SHIN Tong Ik National Institute for Materials & Science
	P4-28	Magnetic and electrical transport properties on (La0.7Sr0.3MnO3)1−x/(CuFe2O4)x composites Mr. SEO Yong-Jun Chang-Won national university
	P4-29	Structural, Thermal and Electrical Properties of Co—doped La0.75Sr0.25 Mn0.95—xCoxNi0.05O3+δ Cathodes Dr. GUPTA Ravindra K. Yonsei University
		Structural Ceramics
1001	P5-01	The Critical Crack Size of Healing Possibility of SiC Ceramics Prof. NAM Ki Woo Pukyong National University
1050	P5-02	The High Temperature Strength of SiC Ceramics Based on SiO2 Nano-Colloidal Employed Mr. PARK Seung Won Pukyong National University
1191	P5-03	The Effect of Fiber Coating on The Mechanical/Thermal Behavior of The SiC Fiber Reinforced SiC Composites Mr. LEE Eugene Kookmin University
1051	P5-04	Effect of Si:C Ratio, Carbon Source, and Al Additive on Properties of Porous Self-Bonded Silicon Carbide Ceramics Mr. LIM Kwang-Young University of Seoul
1101	P5-05	Analysis of Oxidation Kinetics of C/B4C/SiC Composite Via TG-EGA System Mr. SANO Hideaki Nagasaki University
1188	P5-06	Effect of Chemical Composition of Intergranular Glass on Superplastic Compressive Deformation of β-Silicon Nitride Dr. NARIMATSU Eiichirou National Institute for Materials Science
1072	P5-07	High Temperature SO2-gas Corrosion of TiN-Ti5Si3 Composites Prepared by Polymer Pyrolysis Prof. Jae Chun LEE Myongji University
1119	P5-08	Preparation and Sintering of AlN Nanopowder Dr. NISHIMURA Toshiyuki National Institute for Materials Science
1214	P5-09	Microstructure and Thermal Conductivity of AlN Ceramics with Y2O3 Fabricated by Pressureless Sintering

		Mr. AHN Jong Pil Korea Institute of Ceramic Engineering and Technology
1147	P5-10	Effects of Ion Beam Irradiation to the Microstructure of Y2O3 Film by Electron Beam Evaporation Method Mr. KIM Daemin1,2 1 Korea Institute of ceramic engineering and technology, 2 Korea University
1158	P5-11	Erosion Behavior of YAG Ceramics under Fluorine Plasma and their XPS Analysis Mr. LEE Sung-Min Korea Institute of Ceramics Engineering & Technollogy
1185	P5-12	Comparison of Fracture Toughness Evaluating Methods in 3Y-TZP Ceramics Reinforced with Al2O3 Particles Prof. CHO Won-seung Inha University
1100	P5-13	Influence of Various Additives on Oxidation Behavior of WC-Based Cemented Carbides Under Low Partial Pressure of Oxygen Mr. SOEJIMA Toshikazu Nagasaki University
1213	P5-14	Densification and Microstucture of Boron Carbide Ceramics by Methanol washed Powder Mr. AHN Jong Pil Korea Institute of Ceramic Engineering and Technology
		Glass & Opto-Electronic Materials
1032	P6-01	Effects of Ga Addition on Optical Properties of Pr3+ Doped Ge-Sb-Se Glasses Prof. CHOI Yong Gyu Korea Aerospace University
1078	P6-02	Temperature Dependence of Elastic Properties in Potassium Borate Binary Glasses Mr. KAWASHIMA Mitsuru University of Tuskuba
1092	P6-03	Physical Simulation of Small Melter for LTCC Frit Dr. KIM Hyeong-Jun Korea Institute of Ceramic Engineering and Technology
1125	P6-04	Effect of the Oxygen Partial Pressure on PLD of ZnS Thin Films Dr. CHUNG Jun-Ki Kangnung National University
1148	P6-05	Investigation of Metal Oxide Doped TiO2 Nanostructures for TCO Applications Mr. KIM Taeyoon Yonsei University
1140	P6-06	Thermal Conductivity of Mg-Doped Near-Stoichiometric Composition LiTaO3 Crystal Dr. NAKAMURA Masaru National Institute for Materials Science
1245	P6-07	QPM-UV Emission of Ferroelectric Fluoride Single Crystals Dr. SHIMAMURA Kiyoshi National Institute for Materials Science
1062	P6-08	Mid-IR Emission of Rare Earth Doped Oxyfluoride Glass Ceramics Prof. CHUNG Woon Jin Kongju National University
1264	P6-09	Joule Heating for Magneto-Optic Spatial Light Modulator Using Rare Earthtransition Metal Prof. KIM JooYoung Toyohashi University of Technology
1219	P6-10	Synthesis of Low Softening Hard Glass in Borate Systems Dr. SEGAWA Hiroyo National Institute for Materials Science
1255	P6-11	Direct Synthesis of Nano-Glass Powders with Spherical Shape by RF Thermal Plasma Dr. SEO JunHo Cheorwon Plasma Research Institute
		Thin Films & Layers
1003	P7-01	Synthesis and Characterization of Zinc-Isotopic Multilayered ZnO Thin Films Mr. MATSUMOTO Kenji1,2 1 Kyushu University, 2 National Institute for Materials Science
1162	P7-02	Photonic Crystal Properties of ZnO Thin Film on Self-Assembled SiO2 by Electrodeposition Method Prof. OH Yong Taeg Chosun University
1166	P7-03	Work Function Engineering of Functionally Graded ZnO+Ga2O3Thin Film for OLED Applications Mr. CHOI Seok Eui Chosun University
1006	P7-04	Determination of Crystallographic Polarity of ZnO Films by Anomalous Scattring at An Absorption Edge Dr. ADACHI Yutaka National Institute for Materials Science
1010	P7-05	Oxygen Diffusion in A-Axis Oriented ZnO Thin Films Grown on R-Palne Sapphire Substrate by Using Pulsed Laser Deposition Dr. SAKAGUCHI Isao National Institute for Materials Science
1267	P7-06	Thickness-Dependant Flexibility Evaluation of Al-Doped ZnO Thin Films on Flexible PES Substrates Mr. CHOI Hong Rak Yonsei University

1157	P7-07	Influence of RTA Treatment on The Morphology and Electrical Properties of Low Temperature Crystalline ITO Thin Films Mr. KIM Sung Jin Yonsei University
1086	P7-08	Group-IIIa Elements Doped SnO2 Films Grown by Pulsed Laser Deposition Ms. ZHEN Yuhua National Institute for Material Science
1216	P7-09	Nitrogen Isotopic Effect on The Properties of Ga15N Grown by Molecular-Beam Epitaxy Dr. Yao Yongzhao1,2,3 1 Japan Fine Ceramics Center, 2 National Institute for Materials Science, 3 International Center for Materials Nanoachitechtonics
1224	P7-10	Characterizations of Non-Polar (11-20) a-Plane GaN Thick (~ 200 m) Film Grown on Mr. OH Dongkeun Hanyang University
1059	P7-11	Electrical Properties of Al2O3/LaAlO3/SiO2 Multilayer Structure for Charge Trap Flash Memory Application Mr. CHA Seung-Yong Yonsei University
1091	P7-12	Molecular Beam Epitaxy Growth of Al14N/Al15N Isotope Superlattices Dr. OHGAKI Takeshi National Institure for Materials Science
1041	P7-13	Preparation of Sn-Modified Titanium Dioxide Single-Crystal Surface Dr. HISHITA Shunichi National Institute for Materials Science
1159	P7-14	Photonics Crystals Properties of Self-Assembled TiO2/SiO2 Prof. OHYong Taeg Chosun University
1187	P7-15	Properties of Dy-Doped ZrO2 Buffer Layer for MFIS Sturcture Mr. IM Jong-Hyun University of Seoul
1160	P7-16	Improvement of Transmittance by Inserting the SiO2 UV-Hardening Thin Film on Organic Device Mr. HAM Hyo Kyun Chosun University
1180	P7-17	Field Effect Characteristics in Regioregular Poly(3-hexylthiophene) Mr. Jeong Shin Woo University of Seoul
1193	P7-18	Mn-Zn Ferrite Thick Films Prepared at Low Temperature by Spin-Spray Technique Ms. TAKEUCHI Asako Tokyo Institute of Technology japan
1196	P7-19	Preparation and Characterization of MFIS Structure using PZT/BFO3/PZT Sandwich Structure Mr. KIM Kwi-Jung University of Seoul
1242	P7-20	Co-Heteroepitaxial Growth of BaTiO3-NiFe2O4 Composite Multiferroic Thin Film Deposited on MgIn2O4 with Spinel Structure Prof. WAKIYA Naoki Shizuoka University
1205	P7-21	Fabrication of Titanium Carbide Nano-layers from Multi-Walled Carbon Nanotubes via High DC Pulse Mr. KIM Woo Sik Hanyang University
1207	P7-22	Exfoliated Mwcnts To Graphene By Pla Process Mr. BANG Sin Young Hanyang University
1131	P7-23	Development of a Particulate-Interior Board with Super Hydrophobic and Oleophobic Surface for Tunnel Mr. TAKEUCHI Seiichi Kagawa University
1095	P7-24	Optical Applications of Organosiloxane Polymer Thin Film having Dual Crosslinking Mechanism Dr. NAKANO Tadashi APM, INC.
		Bio Materials
1114	P8-01	The Effect of Surface Treatment on the Formation of Apatite layer on Ti Alloys Prof. HWANG Kyu Hong Gyeongsang National University
1194	P8-02	Bioactive Titanate Nano-Structured Layers on Ti-Based Bulk Metallic Glass by a Hydrothermal-Electrochemical Technique Ms. MARUYAMA Sayaka Tokyo Institute of Technology
1212	P8-03	Anticancer Drug-Loaded Calcium Phosphate Carriers for Drug Delivery System Dr. YOSHIOKA Tomohiko Tokyo Institute of Technology
1217	P8-04	Dissolution Rate and Mechanism of The Hydroxyapatite and Tricalcium Fiber Scaffolds in A Pseudo Osteoclastic Resroption Lacuna Solution Mr. FUKASAWA Jun Meiji University
		Nano-Materials
1009	P9-01	Effect of crystal sizes on heat generation ability in AC magnetic field for FeFe2O4 ferrite powder prepared by bead milling Dr. HIRAZAWA Hideyuki

		Niihama National College of Technology
1113	P9-02	Preparation and Characterization of Exfoliated Natural Mica/Polymer Nanocomposites Dr. TAMURA Kenji National Institute for Materials Science
1206	P9-03	Fabrication of Functional N-Doped TiO2 Nanoparticles by Laser Ablation and Thermal Decomposition Method Mr. KOO Hyun Jin Hanyang University
1209	P9-04	Power Dependent of Up-Onverting Y2O3 Codoped Yb and Er Particles Luminescence Mr. EUN Jong Won Hanyang University
1149	P9-05	High Sensing Properties of The ZnO Nanowall Structures Synthesized by RF Magnetron Sputtering Mr. SHIM Gyu-In Yonsei University
1211	P9-06	Controlled Growth of Vertically Well-Aligned ZnO Nanowire Arrays and Their Optical Properties by The Thermal Evaporation Mr. KHAI Tran Van Hanyang University
1220	P9-07	Aqueous Solution Synthesis of Size-Controlled Magnetite Nanoparticles for Bio Magnetic Beads Mr. FUSE Keishi Tokyo Institute of Technology
1014	P9-08	Optical Properties of Porous Silicon Coated with Ultrathin Gold Film by RF Magnetron Sputtering Prof. LEE Chongmu Inha University
1228	P9-09	Synthesis of Metal Nanoparticles by Gamma-Ray Mr. CHOI Sun-Woo Inha University
1107	P9-10	A Simple Approach to The Synthesis of Ag Nanostructures by Photochemical Reduction at Room Temperature Dr. PARK Hyeong-Ho Yonsei University
1235	P9-11	Variation in the Structural and Physical Characteristics of Nano-Sized BaTiO3 Powders with Chemical Stoichiometry Mr. MOON Sun-Min Inha University
1236	P9-12	Effect of Heat-treatment on the Structural Features of Nanoscale BaTiO3 Powders Ms. MIN Boram Inha University
Energy & Ecological Materials		
1013	P10-01	Ceramics Diesel Particulate Filter with Continuous Pore Structure Mr. HWANG Yeon Seoul National University of Technology
1090	P10-02	Development of Novel Heat Insulator Using Porous Ceramics Materials Mr. KUGIMIYA Kazuma Japan Fine Ceramics Center
1061	P10-03	Fabrication and Evaluation of MCFC Anode by Ni-Al Acetate Dr. KIM Yeong-Woo Research Institute of Industrial Science and Technology
1129	P10-04	Performance Improvement of Anode Supported Electrolytes for Planar SOFCs via Tape Casting and Co-firing Mr. PARK Haegu Yonsei University
1019	P10-05	Influence of Break-In Condition of Single Cell Mr. FUGANE Keisuke 1,2 1 National Institute for Materials Science, 2 Kitami Institute of Technology
1020	P10-06	Fabrication of Doped CeO2 Thin Film Supported by Porous Ni-Doped CeO2 Anode and its Characterization Mr. NAKAMURA Norihisa National Institute for Materials Science
1183	P10-07	Investigation of Electrocatalysis of Methanol Oxidation Reaction on Pt-Sn-CeO2 Films for Fuel Cell Application Mr. TUHARIN Kostyantyn 1,2 1 National Institute for Materials Science, 2 Charles University
1060	P10-08	A Study of CVD SiC Whiskers on Carbon Fiber for High Efficiency Filter Applications Mr. CHOI Yoo Youl Yonsei University
1161	P10-09	Fabrication of Candle Type SiC Filter for Coal Gasification Process and its Properties Mr. HONG Ki Seog Korea Institute of Energy Research
1081	P10-10	Texturing & SiN ARC Coating of Multi-Crystalline Wafer Using UMG Silicon Dr. CHOI Kyoon Korea Institute of Ceramic Engineering & Technology
1069	P10-11	Silver Paste for Dispenser in Solar Cell Process Dr. KIM Hyeong-Jun Korea Institute of Ceramic Engineering and Technology
1040	P10-12	Preparation of TiO2/sepiolite Composite Materials for Photocatalyst Mr. NEGI Yohei

		Shimane University
1043	P10-13	Fabrication and Characterization of TiO/zeolite Composite Mr. HOSHINO Hidenori Shimane University
1087	P10-14	Effect of Microstructure on Oxygen Permeation Through Ba-Fe-Based Perovskite Oxide Dr. WATANABE Ken National Institute for Materials Science
1143	P10-15	Mechanochemical Synthesis of Lead Vanado-Iodoapatite Dr. SUETSUGU Yasushi National Institute for Materials Science
1165	P10-16	Photocatalytic Properties of Hydrotalcite for Anionic Dyes Dr. MORIMOTO Kazuya National Institute for Materials Science
1200	P10-17	Development of PED Three Layer Structure with Onggi for Energy Saving Green Building Block Mr. CHA Jeong Eui Ajou University
1204	P10-18	Effect of Fly ash on the Removal of Heavy Metal ions from Aqueous Solution Mr. BANG Hee Gon Kangnung National University
1130	P10-19	Fabrication and Characterization of Ca3Co4O9 Thermoelectric Thick Films by Aerosol-Deposition Dr. YOON Woon-Ha Korea Institute of Materials Science
1250	P10-20	Thermoelectric Properties of Nanostructured Nb-Doped Strontium Titanate Ceramics Mr. FUJINAMI Kyoichi 1,2 1 Nagoya University, 2 Tokuyama corporation
Evaluation & Standardization		
1067	P11-01	Simulation for The Depth Change of PRAM Bottom Electrode Contact Mr. BAE Jun-Hyun Yonsei University
Recent Topics / ex,: Nanocrystal ceramics, Nanobio etc.		
1109	P12-01	Self-Consistent Anharmonic Theory and Its Application to Surface Effect of Ferroelectric Crystal Dr. AIKAWA Yutaka Taiyo Yuden Co., Ltd.
1190	P12-02	Density-Functional Calculations for The Stability of Hydride Ion at Oxygen-Vacancy Site in BaTiO3 Mr. IWAZAKI Yoshiki 1,2 1 Taiyo Yuden Co.,LTd., 2 University of Tokyo
1048	P12-03	3D-Orientation of BaTiO3 Nanoparticles Electrophoretically Deposited on SrTiO3 Single Crystal Substrate Mr. MORIURA Yuta 1,2 1 Kyushu University, 2 National Institute for Materials Science
1053	P12-04	Low Temperature Formation of Mesoporous Silicon Carbide (SiC) via Reaction of Mesoporous Carbon Mr. SAKTHIVEL Tamil Selvan1,2 1 National Institute for Materials Science, 2 Anna University