Short Oral Presentations and Poster Presentations

P1. "A TEMPO-Substituted Polyacrylamide as a New Cathode Material: an Organic Rechargeable Device Composed of Polymer Electrodes and Aqueous Electrolyte"
Kenichiroh Koshika, Natsuru Chikushi, Naoki Sano, Kenichi Oyaizu and Hiroyuki Nishide

P2. "Radical/Ion-Containing Block Copolymers in an Organic Memory: a Meso-Scaled "Playground" for Charge Storage/Transport Modulation"
Takeo Suga, Shunya Takeuchi, and Hiroyuki Nishide

P3. "Dual Visualization of Oxygen Distribution upon Biplanar Surface Using Platinum-Porphyrin and -Porpholactone Phosphorescent Dyes"
Wihatmoko Waskitoaji, Takeo Suga, Hiroyuki Nishide

P4. "Synthesis of Amphiphilic Block Copolymers Carrying Stable Nitroxyl Radicals"
Xiuli Zhuang, Chunsheng Xiao, Natsuru Chikushi, Kenichi Oyaizu, Xuesi Chen, Hiroyuki Nishide

P5. "Synthesis and Fluorescence Properties of 2-Arylquinolines"
Shunsuke Sueki, Chiharu Okamoto, Isao Shimizu, Keisuke Seto, Yukio Furukawa

P6. "Growth and QPM-UV Emission of Ferroelectric Fluoride Single Crystals"
Kiyoshi Shimamura, Encarnacíon G. Víllora, Masahiro Aoshima, Keiji Sumiya

P7. "Czochralski Growth of $Tb_3(Sc_{1-x}Lu_x)_2Al_3O_{12}$ (x=0.05; 0.1; 0.2) Single Crystals for the Optical Isolator"
Anastasiya Latynina, Akiharu Funaki, Tsubasa Hatanaka, Encarnacíon G. Víllora, Kiyoshi Shimamura

P8. "Growth of $Gd_{1-x}Yb_xF_3$ Single Crystals by the Czochralski Technique"
Valentyn Vasyliev, Encarnacíon G. Víllora, Arnaud Apheceixborde, Kiyoshi Shimamura

P9. "Optimization of Living Cell-Based Biosensor for Cytotoxicity Profiling"
Satoshi Migita, and Akiyoshi Taniguchi

P10. "Atom-Scale and Mesoscale Infrared Plasmonic Matrials"
T. Nagao, G. Han, C.V. Hoang, D. McCarthy, D. Enders

P11. "Synthesis of Mesoporous Titanosilica from Alkoxytitanosiloxane by Pyrolysis"
Kwang-Min Choi, and Kazuyuki Kuroda

P12. "The Analysis of the Interaction between Cells and Heterofunctional Nanosheets"
Daisuke Niwa, Toshinobu Fujie, Thorsten Lang, Nobuhito Goda and Shinji Takeoka

P13. "Effect of Impurity on Cooling Crystallization of Nitrate"
Mizuki Kumashiro, Izumi Hirasawa

P14. "Formation of Microstructures within Films of Silicon using Electrochemical Anodization, and Electrodeposition of Films of Silicon from Ionic Liquids"
Joshua B. Ratchford, Mikiko Saito, Yuri Nakano , Yasuhiro Fukunaka, and Takayuki Homma

Short Oral Presentations and Poster Presentations

P15. "Meso-Moiré Fringe Observation of Nano-Particle Structures by Electron Moiré Method"
Satoshi Kishimoto and Yusuke Yamauchi

P16. "Material Exploration of ZrO_2-Based Dielectric Thin Films for DRAM Capacitors by Composition-Spread Film Method"
Yuji Kiyota, Kenji Itaka, Yuta Iwashita, Tetsuya Adachi, Toyohiro Chikyow, Atsushi Ogura

P17. "Evaluation of Interfacial Layer for Restraint of Flat Band Shift and Fermi Level Pinning"
Yuta Iwashita, Tetsuya Adachi, Kenji Itaka, Atsushi Ogura, and Toyohiro Chikyow

P18. "Bottom-Up Assembly of Oxide Nanosheets toward Nanoelectronics"
Minoru Osada and Takayoshi Sasaki

P19. "High-*k* Dielectric Nanofilms Fabricated from Molecularly-Thin Perovskite Nanosheets"
Bao-Wen Li, Minoru Osada, and Takayoshi Sasaki

P20. "ZnS Nanostructures: Controlled Growth, Unique Property and Potential Application"
Xiaosheng Fang, Yoshio Bando, Ujjal K. Gautam, Tianyou Zhai, Meiyong Liao, Liang Li, and Dmitri Golberg

P21. "Optimization of Buffer Ionic Concentration for Avidin Detection Using Biotinylated Field Effect Transistor"
Sho Hideshima, Takahiro Nakamura, Shigeki Kuroiwa and Tetsuya Osaka

P22. "Modified ITO Electrode for Potentiometric Detection of Serotonin and its Metabolites"
Md. Zaved Hossain Khan, Takuya Nakanishi, Tetsuya Osaka

P23. "Chitosan Coated Iron Oxide Nanoparticles as an Efficient Gene Transfection Vector for Mouse Embryonic Stem Cells"
Sangaraju Shanmugam, Chigusa Shundou, Hong Zhang, Takuya Nakanishi, and Tetsuya Osaka

P24. "Adsorption of Eu ions onto Surface of Functionalized Mesoporous Silica"
Minoru Sohmiya, and Makoto Ogawa

P25. "Photo-Switchable Porphyrin"
Shinsuke Ishihara, Jonathan P. Hill, and Katsuhiko Ariga

P26. "Synthesis and Properties of Copper(II) Complex with an Azoaromatic Ligand"
Anasuya Bandyopadhyay, Masayoshi Higuchi

P27. "Beyond Silica: Chemical Design of Mesoporous Metals"
Yusuke Yamauchi

P28. "Orientational Control of 2D Hexagonal Mesoporous Thin Films and Nanoparticles"
Chia-Wen Wu, Kazuyuki Kuroda, and Victor S.-Y. Lin

Short Oral Presentations and Poster Presentations

P29. "Novel Ordered Nanoporous Materials for Electrochemical Cells"
Pavuluri Srinivasu

P30. "Rapid and Efficient Synthesis of Platinum Nanodendrites with High Surface Area"
Liang Wang, Yusuke Yamauchi

P31. "Block Copolymer Assisted Synthesis of Microspheres with Au@Pt Core and Dendritic Pt Shell"
Hamed Ataee-Esfahani, Liang Wang, Yusuke Yamauchi

P32. "The First Total Synthesis and Structural Determination of TMC-66"
Seijiro Hosokawa, Tomohiro Fukuda, Hitoshi Fumiyama, Hisato Fukuda, Masashi Seki, and Kuniaki Tatsuta

P33. "Thermoresponsive Polymeric Micelles as Thermally Modulated Intracellular Delivery Tools"
Jun Akimoto, Masamichi Nakayama, Kiyotaka Sakai and Teruo Okano

P34. "Charactalization of Ultra Thin Temperature Responsive Polymer Layer"
Kazuhiro Fukumori, Yoshikatsu Akiyama, Kazuyoshi Kumashiro, Jun Kobayashi, Masayuki Yamato, Kiyotaka Sakai, and Teruo Okano

P35. "Development of Fluorescence Enhancement Immunoassay for Rapid Blood IgG Measurement"
Takehito Ogawa and Kiyotaka Sakai

P36. "Synthesis of Cationic D,L-α-Peptide, Poly(L-Arginyl-D-Histidine), by Biocatalyst"
Yoshitaka Ishii, Daisuke Aoyagi, Junsuke Katagiri, and Kuniki Kino

P37. "Enzymatic Production of Short-Chain Aldehyde by a Plant-Mimicking System"
Masaru Sato, Shinsuke Mochizuki, and Kuniki Kino

P38. "Development of Rapid and Simple Quantification Method for JAK2V617F Mutation in Myeloproliferative Disorders"
Soji Morishita, Aya Koda, Naohiro Noda, Yuji Sekiguchi, Keita Kirito, Norio Komatsu, and Satoshi Tsuneda

P39. "Organic-Inorganic Mesoporous Monoliths for Water Treatment from of Toxic Ions"
Sherif El-Safty, Ahmed Shahat, Wojciech Warkocki

P40. "Aerosol-Assisted Synthesis of Functional Mesoporous Silica Particles for Removal of Mercury Ions"
Norihiro Suzuki and Yusuke Yamauchi

P41. "Fe_3O_4@SiO_2 Hollow Mesoporous Spheres as Carriers for Drug Delivery"
Yufang Zhu, Nobutaka Hanagata, Toshiyuki Ikoma

P42. "New Rubbing Method for Mesoporous Silica Films with Uniaxially Oriented Mesochannels Based on Lyotropic Liquid Crystal Approach"
Hongjing Wang, Logudurai Radhakrishnan, Yusuke Yamauchi

P43. "Highly Ordered Mesoporous Titania and Titania-Alumina Thin Films"
Hamid Reza Oveisi, Ali Beitollahi, and Yusuke Yamauchi

Short Oral Presentations and Poster Presentations

P44. “The Neuroprotective Effect of Thalidomide: Implication for Neuropsychiatric Disease”
Naoya Sawamura and Toru Asahi

P45. “Asymmetric Homochiral Dimer in (S)-Thalidomide Crystal and Symmetric Heterochiral Dimer in (RS)-Thalidomide Crystal”
Toshiya Suzuki, Masahito Tanaka, Motoo Shiro, Norio Shibata, Tetsuya Osaka and Toru Asahi

P46. “Development of New Non-BO Theory to Consider Nucleus-Electron Correlation Explicitly”
Hiroaki Nishizawa, Yutaka Imamura, and Hiromi Nakai

P47. “Theoretical Investigation on Cyclohexene Bromination”
Jun Suzuki, Yutaka Imamura, Hiromi Nakai, Daiki Hirabayashi, Kazuki Nitta, and Yoshiki Okada