



## Poster Award Winners

The following presenters won ZMPC2015 Poster Award for their excellent presentations.

**P1-014 “Spontaneous Formation of Functionalized Helical Silica Nanofibers with Coaxial Mixed Mesostructures for Selective Inclusion and Fabrication of Helical PtCo Nanowires Showing Unique Geometry-Dependent Magnetism”**

Nien-Chu LAI, Yu-Tien SHEN, Sz-Chian LIOU, Ming-Wen CHU, Chia-Min YANG

**P1-030 “Modifying Texture and Structure of Zeolites Derived from Layered Precursors”**

Trees De BAERDEMAEKER, Mathias FEYEN, Ulrich MULLER, Bilge YILMAZ, Feng-Shou XIAO, Weiping ZHANG

**P1-034 “Synthesis of Size-controlled ZIF-8 Nanocrystals by Addition of Nonionic Surfactant in Water Solution”**

Yaqi ZHANG, Miho HASEGAWA, Yuta NAKASAKA, Canan GUCUYENER, Teruoki TAGO, Jorge GASCON, Freek KAPTEIJN, Takao MASUDA

**P1-045 “Synthesis of Ti-CHA Zeolite with Enhanced Thermal Stability by Hydrothermal Conversion of Ti-CHA Zeolite”**

Tomoka TAKATA, Yusuke KUNITAKE, Nao TSUNOJI, Masahiro SADAKANE, Tsuneji SANO

**P1-048 “Influence of Additives on the Synthesis of UiO-66”**

Naoki TAKAYA, Mayo YAMAGUCHI, Manabu MIYAMOTO, Shigeyuki UEMIYA, Yasunori OUMI

**P1-050 “Enhanced Catalytic Performance of Dealuminated MCM-68 Zeolite in DTO Reaction”**

Sungsik PARK, Takuya FUKUOKA, Satoshi INAGAKI, Yoshihiro KUBOTA

**P1-066 “Synthesis of Zr-based MOF with Porphyrin Units and Its Application for Photocatalytic Hydrogen Production under Visible-light Irradiation”**

Kenta MIYAHARA, Takashi TOYAO, Yu HORIUCHI, Masaya MATSUOKA

**P1-073 “Cooperative Effects of Secondary Mesoporosity and Spatial Distribution of Acid Site in Pt/SAPO-11 on *n*-Dodecane Hydroisomerization Selectivity”**

Myoung Yeob KIM, Kyungho LEE, Minkee CHOI

**P1-079 “Fabrication of Spherical Hollow Silica Encapsulating TiO<sub>2</sub> Nanoparticles with an Improved Adsorption Property and Photocatalytic Activity”**

Yuki SUMIDA, Yasutaka KUWAHARA, Hiromi YAMASHITA

**P1-107 “Propylene/Propane Separation Properties through FAU-type Zeolite Membrane”**

Masahiko MATSUKATA, Yasuhito SASAKI, Motomu SAKAI, Taisuke TOMONO

**P2-001 “Encapsulating Photoluminescent Materials in Zeolites. Crystal Structure of Fully Dehydrated, Largely Eu<sup>3+</sup>-Exchanged Zeolite Y (Si/Al = 1.69)”**

Cheol W. KIM, Jong J. KIM, Karl SEFF, Nam H. HEO

**P2-006 “Analysis of the Interlayer Expanded Zeolite Zn-IEZ-RUB-36”**

Isabel GROSSKREUZ, Hermann GIES, Sandra GRABOWSKI

**P2-021 “Strong Fluorescence from Silver-Loaded Zeolite Y and Its Characterization”**

Erni JOHAN, Djoko MULYANTO, Satoru FUKUGAICHI, Yoshiteru ITAGAKI, Hiromichi AONO, Naoto MATSUE

**P2-022 “Facile Synthesis of Hollow Mesoporous Silica Nanospheres with Thin Shell and Cubic  $1a3d$  Structure for Biomedical Applications”**

Chih-Yu LIN, Nien-Chu LAI, Chia-Min YANG

**P2-027 “Application of NMR Spectroscopy for Characterization of Porous Shaped Materials for Catalysis and Adsorption Applications”**

Andrei-Nicolae PARVULESCU, Lena ARNOLD, Stefan MARX, Ulrich MUELLER, Frank STALLMACH

**P2-032 “Templateless Synthesis of Mesoporous and Hierarchically Macro-/Mesoporous Silica Spheres with Notable Structural Tunability and Complexity”**

Kyungmin MIN, Minkee CHOI

**P2-035 “Hydrothermal Conversion of FAU Zeolite in the Presence of Various Tetraalkylphosphonium Cations as Structure-directing Agent”**

Yoshitaka YAMASAKI, NaO TSUNOJI, Masahiro SADAKANE, Tsuneji SANO

**P2-049 “Post-Synthetic Modification of Redox-Active Porous Ionic Crystals”**

Ryosuke KAWAHARA, Sayaka UCHIDA, Noritaka MIZUNO

**P2-053 “Synthesis and Characterization of Intergrowth Zeolite Composite of LSX/A”**

Supak TONTISIRIN

**P2-088 “Dehydration of Sorbitol to Isosorbide over Zeolite Catalysts”**

Haruka YOKOYAMA, Bo FENG, Hirokazu KOBAYASHI, Mizuho YABUSHITA, Xin CHEN, Atsushi FUKUOKA

Chair of ZMPC2015



Takao Masuda