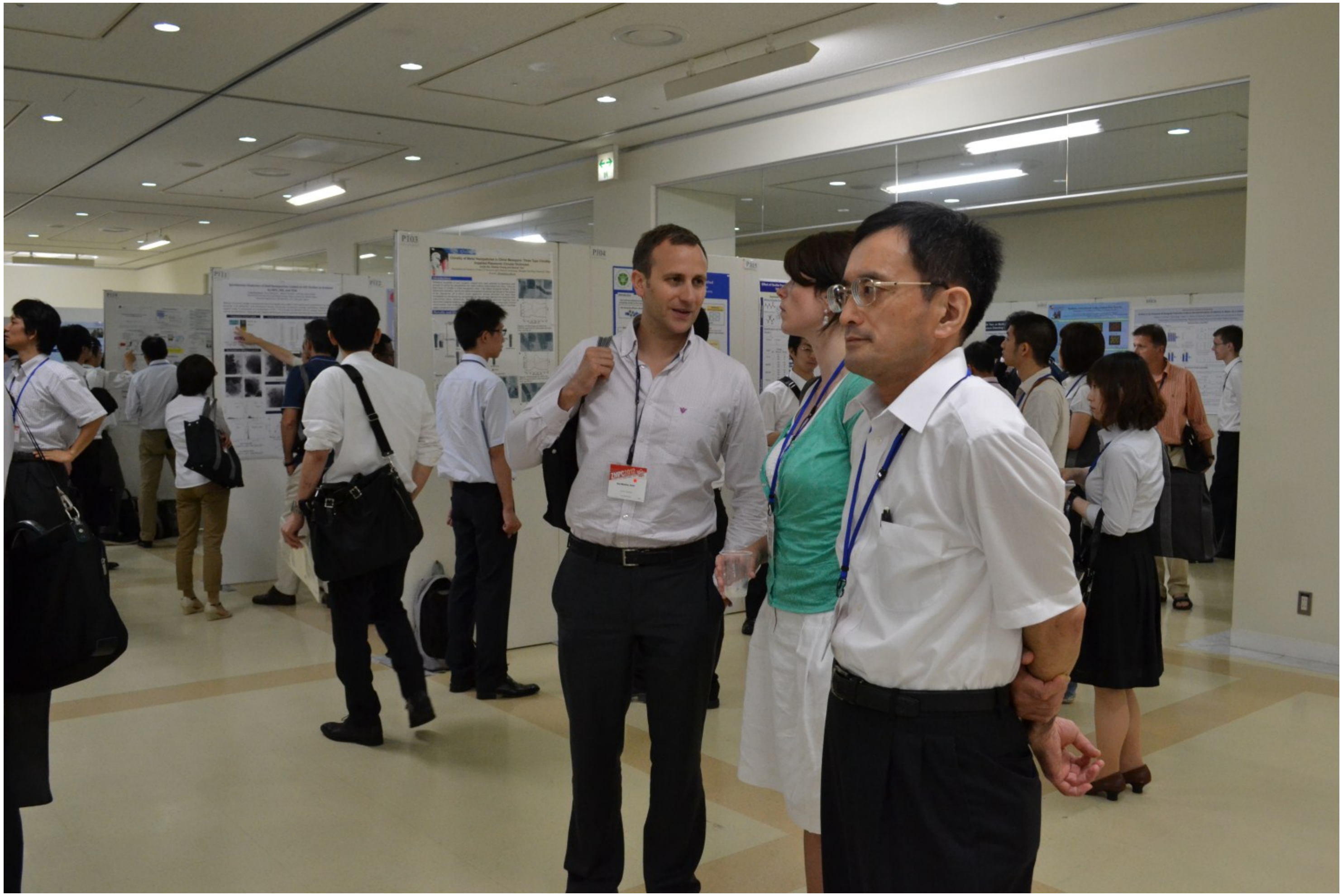
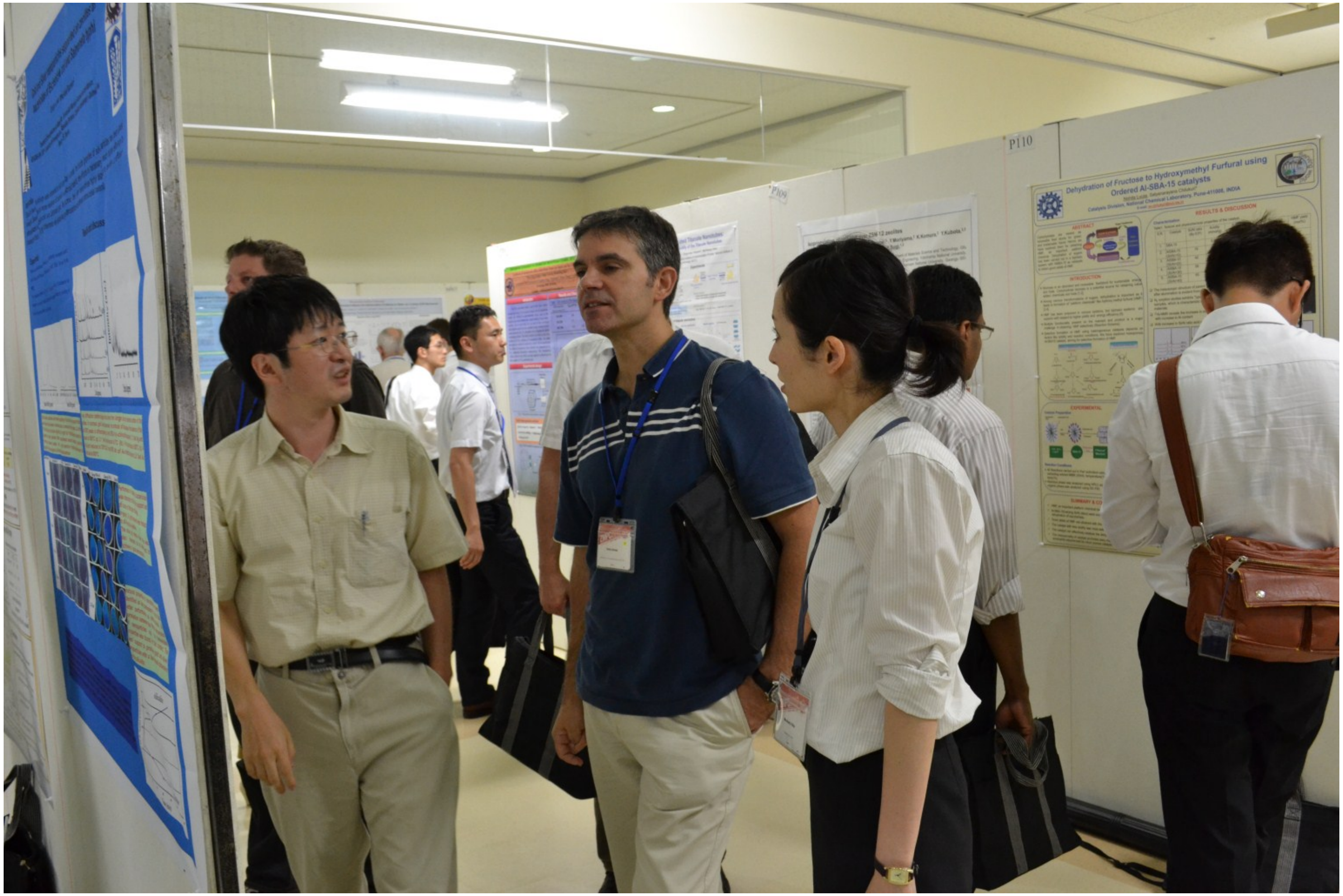
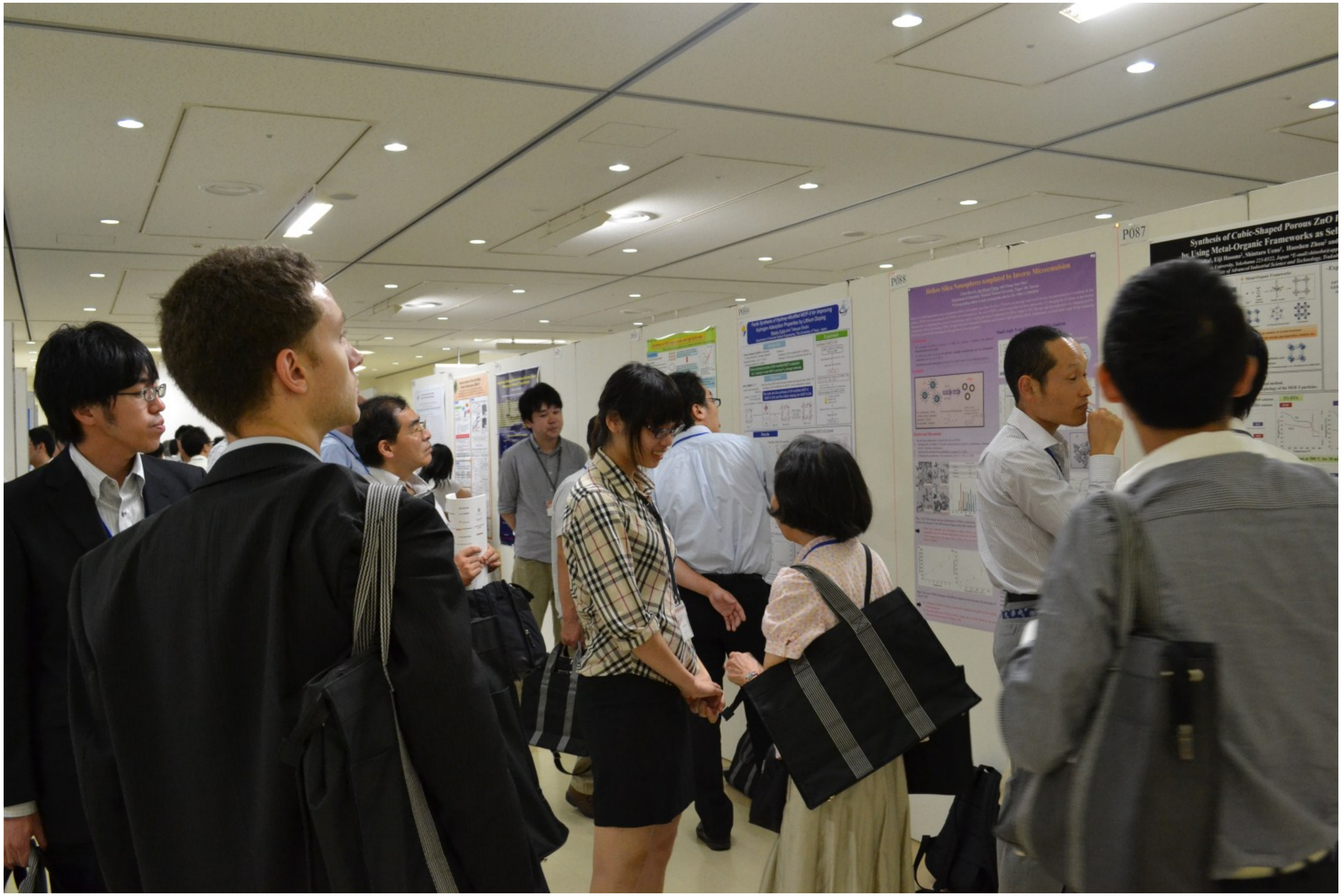
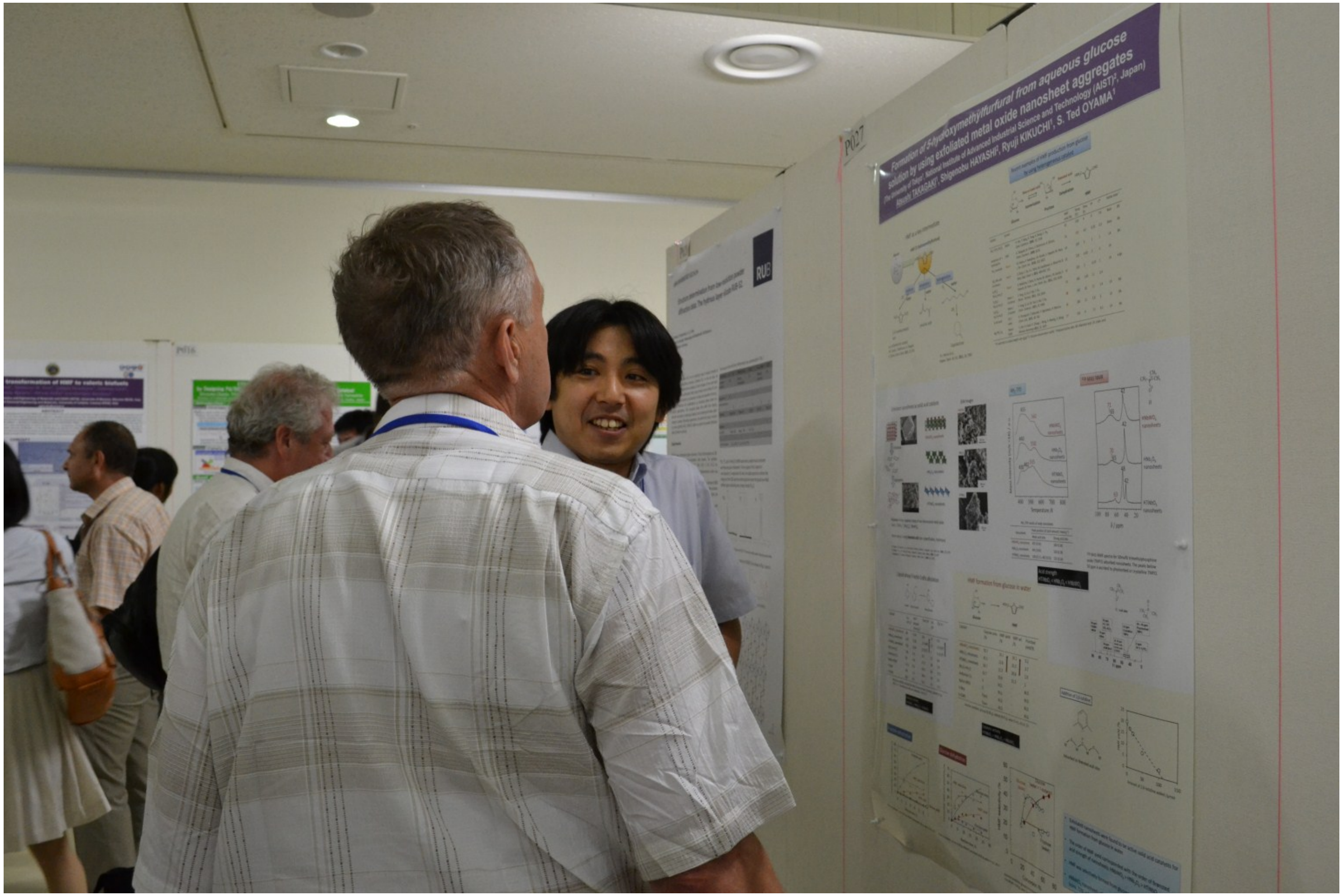

広島観光
大使
Hiroshima
広島

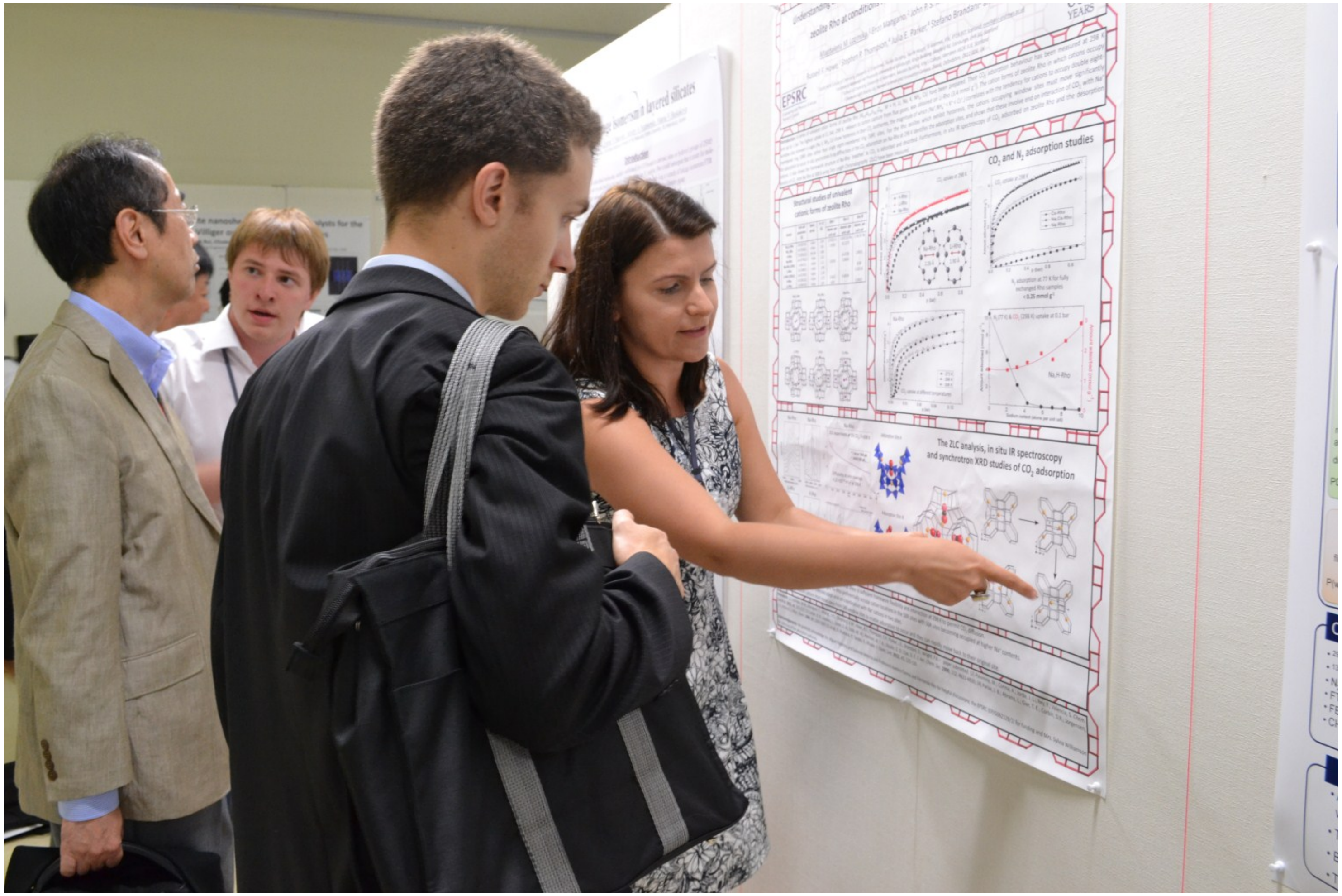

RRR12
RRR13




P110
P109
Dehydration of Fructose to Hydroxymethyl Furfural using Ordered Al-SBA-15 catalysts
Catalysis Division, National Chemical Laboratory, Pune-411008, INDIA
ABSTRACT
RESULTS & DISCUSSION
INTRODUCTION
EXPERIMENTAL


P088
Hollow Silica Nanospheres templated by Inverse Microemulsion
P087
Synthesis of Cubic-Shaped Porous ZnO
by Using Metal-Organic Frameworks as Sel


P027
Formation of 5-hydroxymethylfurfural from aqueous glucose solution by using exfoliated metal oxide nanosheet aggregates
(The University of Tokyo¹, National Institute of Advanced Industrial Science and Technology (AIST)², Japan)
Atsushi TAKAGAKI¹, Shigenobu HAYASHI², Ryuji KIKUCHI¹, S. Ted OYAMA¹


EPSRC
zeolite Rho at conditions
CO$_2$ and N$_2$ adsorption studies
Structural studies of univalent cationic forms of zeolite Rho
The ZLC analysis, in situ IR spectroscopy and synchrotron XRD studies of CO$_2$ adsorption
isomerism in layered silicates
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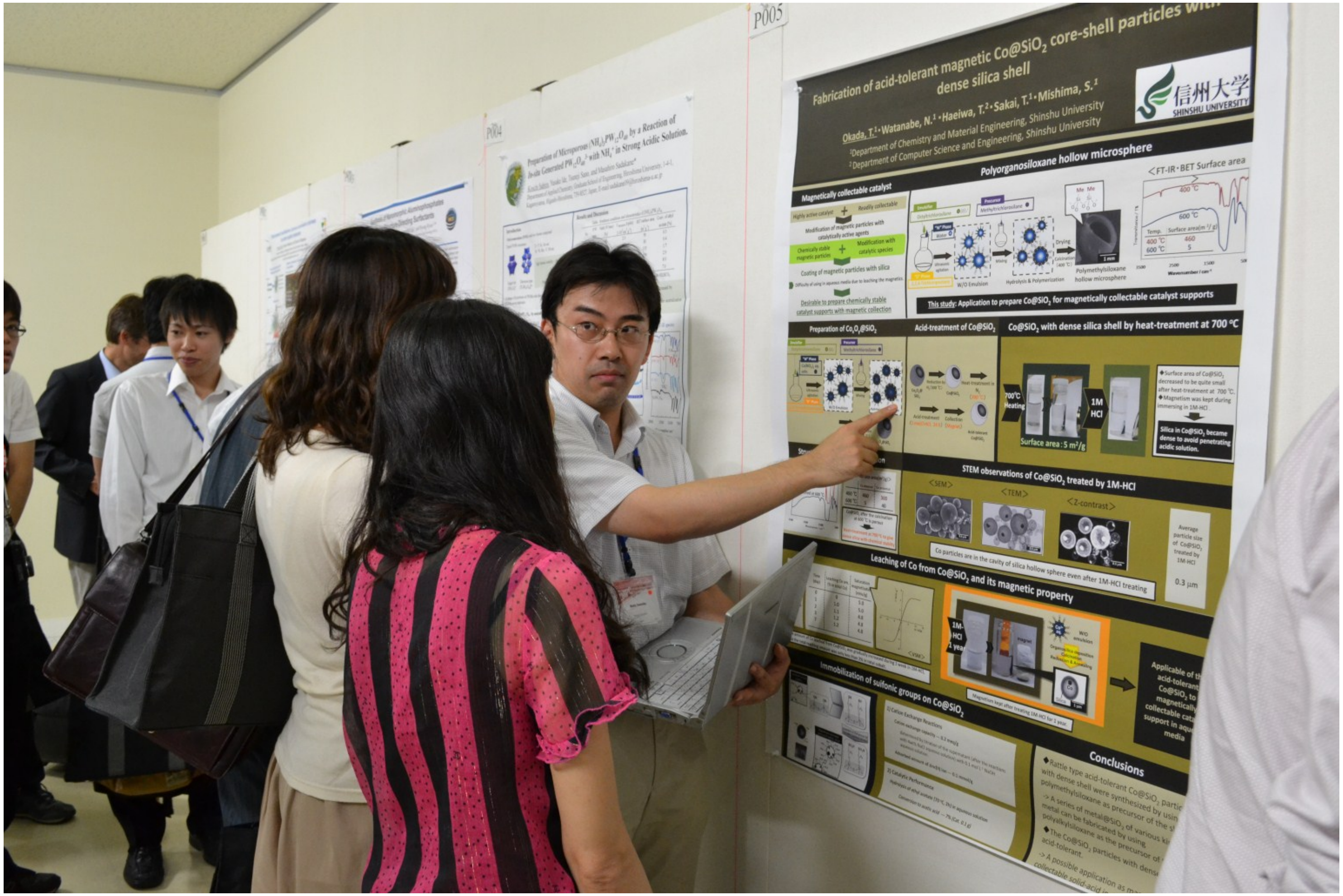
JULY 30th


Adsorption of Aqueous Tetramethylammonium on the Organic Derivative of Hiroshima University Silicate-1 (HUS-1) with Silane Coupling Reagents
Introduction
Results and Discussion
P079
TECHNISCHE UNIVERSITÄT DRESDEN


P005
Fabrication of acid-tolerant magnetic Co@SiO2 core-shell particles with dense silica shell
Okada, T.1 • Watanabe, N.1 • Haeiwa, T.2 • Sakai, T.1 • Mishima, S.1
1Department of Chemistry and Material Engineering, Shinshu University
2Department of Computer Science and Engineering, Shinshu University
信州大学 SHINSHU UNIVERSITY
Magnetically collectable catalyst
Polyorganosiloxane hollow microsphere
This study: Application to prepare Co@SiO2 for magnetically collectable catalyst supports
Acid-treatment of Co@SiO2
Co@SiO2 with dense silica shell by heat-treatment at 700 °C
STEM observations of Co@SiO2 treated by 1M-HCl
Leaching of Co from Co@SiO2 and its magnetic property
Immobilization of sulfonic groups on Co@SiO2
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Preparation of Microporous (NH4)3PW12O40 by a Reaction of In-situ Generated PW12O40 with NH4+ in Strong Acidic Solution.


P047
Exceptionally Highly Selective Bisphenol A Synthesis on Layered Silicates with Spatially Arranged Propyl Sulfonic Acid
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P024
Silicon Vacancy Ordering in Pure Silica TMA-NU-1:
Opening the Pores of a Clathrasil
Abstract
Structures


P101
Catalytic Cracking Property of Zeolite Containing Silica-Alumina Prepared by the Sol-Gel Method with Malic Acid


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MCM-48 Nanofibers: A Pseudomorphic Synthesis of an Isotropic Mesostructure and Anisotropic Morphology
Albert T. Chang,† Nien-Chu Lai,† Chia-Min Yang*†
†Department of Chemistry, National Tsing-Hua University, Hsinchu, 30013, Taiwan
Introduction
Experimental
Ex-situ
ZMPC 2012