

## Supercritical Fluid Technology

Sep. 29 - Sep. 30, 2013

Room D

Chaired by Hiroshi Inomata (Tohoku Univ.) and Akira Suzuki (National Institute of Advanced Industrial Science and Technology(AIST))

### Sep. 29 (Sun.)

9:00 - 11:00

29D1 Tadafumi Adschiri (Tohoku University, Japan)

“Supercritical route for super hybrid materials”

29D2 Stéphane Sarrade (Commissariat à l’Energie Atomique et aux Energies Alternatives (CEA), France)

“Green Chemistry and Supercritical Fluids - Tools for the Synthesis and Characterization of New Material”

29D3 Katsuto Otake (Tokyo University of Science, Japan)

“Return to the Phase Behavior : How the Phase Behavior Affects the Material Structure”

29D4 Hirohisa Uchida (Shinshu University, Japan)

“Nanoparticle Design of Drugs by the Rapid Expansion of Supercritical Solutions (RESS) Technique using Supercritical Carbon Dioxide”

### Sep.30 (Mon.)

9:00 - 10:30

30D1 Motonobu Goto (Nagoya University, Japan)

“Chemical Reaction and Material Processing Using Pulsed Power in supercritical Fluids”

30D2 Marcus Petermann (Ruhr-Universität Bochum, Germany)

“Supercritical Fluids in Process and Product Design”

30D3 Daisuke Kodama (Nihon University, Japan)

“Physical Properties of CO<sub>2</sub> + Ionic Liquid Systems”