

Inverse problems for practice, the present and the future

Dates: Sep. 2nd (Mon.) - Sep. 4th (Wed.), 2013

Place: Lecture Room L-3, Institute of Mathematics for Industry
Kyushu University Ito Campus

PROGRAM

9/2 (Mon)

13:50 Opening

(Chair: Takashi Takiguchi)

14:00-15:00

Speaker : Shohei Nagano (CalsonicKansei)

Title : Demands of technology component analysis in manufacturing technique
development

15:30-16:30

Speaker : Takashi Ohe (Okayama University of Science)

Title : A numerical method for an inverse source problem
for a scalar wave equation without optimization procedures.

9/3(Tue)

(Chair: Takashi Ohe)

11:00-12:00

Speaker : Ryuji Endo (Polytechnic University of Japan)

Title : System Identification on a Frame Structure
Using Variable Parametric Projection Filter

(Chair: Hiroshi Fujiwara)

14:00-15:00

Speaker : Masahiro Yamamoto (The University of Tokyo)

Title : Mathematical analysis for inverse problems in risk managements

15:30-16:30

Speaker : Shin-ich Urayama (Kyoto University)

Title : Inverse problem on Magnetic Resonance Imaging (MRI)

9/4(Wed)

(Chair: Tsutomu Sakurai)

10:30-11:30

Speaker : Jin Cheng (Fudan University)

Title : On the inverse problems for the coupled continuum pipe flow model
for flows in karst aquifers

11:40-12:20

Speaker : Takashi Takiguchi (National Defense Academy of Japan)

Title : An inverse problem to detect an inclusion in a homogenous media
by the Dirichet to Dirichet data for the heat equation

12:20 Closing

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