

Waseda Research Institute for Science and Engineering
Institute for Mathematical Science

Kickoff Meeting

Date: Tue., March 6, 2018

Venue: Waseda University, Nishi-Waseda Campus
Conference Rooms 4 & 5, 2nd floor, 63 Bldg.

Session 1: Opening Ceremony (10:30-11:30)

Shuji Hashimoto Waseda University

Hiromi Nakai Waseda University

Yutaka Ohta Waseda University

Shigefumi Mori Kyoto University

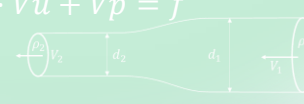
Hideo Kozono Waseda University
 $(u_{\perp} = F(u_h + u_{\perp}) - P_h F(u_h + u_{\perp}))$

Computational

Mathematics

$$\frac{\partial v}{\partial t} + (v \cdot \nabla)v = -\frac{1}{p} \nabla p + f$$

Nonlinear Analysis

$$\begin{cases} \frac{\partial u}{\partial t} - v \Delta u + u \cdot \nabla u + \nabla p = f \\ \operatorname{div} u = 0 \\ u|_{t=0} = a \end{cases}$$


Session 2: Keynote Talks (11:40-15:40)

11:40 – 12:10

Nicholas J. Higham

Society for Industrial and Applied Mathematics $\hat{\theta} = \arg \max_{\theta} L_n(\theta)$

12:10 – 12:40

Marc Hallin

Université Libre de Bruxelles

14:30 – 15:00

Siegfried M. Rump

Technische Universität Hamburg

15:10 – 15:40

Shuichi Kawashima

Kyushu University

Statistical Mathematics

$$\sup_{\theta} |\hat{Q}_n(\theta) - Q(\theta)| = o_p(1)$$

$$T_n \xrightarrow{d} \chi_p^2(\mu)$$



Session 3: Banquet

16:00 – 17:30

Organizers: Hideo Kozono

Yoshihiro Shibata

Shin'ichi Oishi

Masanobu Taniguchi

Sponsors:

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(S. Oishi)

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