Harmonic Analysis and PDEs on Manifolds Department of Mathematics, Chuo University 2013 April 19 Friday ~ 20 Saturday

Organizers

Tokio Matsuyama Yoshihiko Mitsumatsu Tsukasa Iwabuchi

(Chuo University)

Conference venue: Room No. 6701, 6th Building of Korakuen Campus, Chuo University

Program

April 19 (Friday)

13:00–13:50: Kiyoshi Mochizuki (Emeritus, Tokyo Metropolitan University)
A stationary approach to the scattering for Schrödinger operators on star-shaped graph
14:00–14:50: Tohru Ozawa (Waseda University)
On a system of Schrödinger equations
15:10–16:00: Yoshihiko Mitsumatsu (Chuo University)
Incompressible fluid motions on foliated manifolds
16:10–17:10: Michael Ruzhansky (Imperial College London)
Quantization on compact Lie groups: overview of the theory

Banquet

April 20 (Saturday)

10:00–10:50: Masashi Mizuno (Nihon University)

Weak mean curvature flow and boundary monotonicity formula for the Allen-Cahn equation

11:00–11:50: Tsukasa Iwabuchi (Chuo University)

Global solutions for the Navier-Stokes equations in the rotational framework

Lunch 11:50-14:00

14:00–14:50: Tokio Matsuyama (Chuo University)

Perturbed Besov spaces generated by short-range type potential in exterior domains

15:00–15:50: Julio Cesar Delgado Valencia (Imperial College London)

Nuclearity test for operators on compact manifolds

16:00–17:00: Michael Ruzhansky (Imperial College London)

Quantization on compact Lie groups: applications

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