

Global COE International Mini-Workshop of the University of Tokyo in 2010
Microlocal Analysis and Partial Differential Equations

Organisers: Kiyoomi KATAOKA (the University of Tokyo)

Naoto KUMANOGO (Kogakuin University)

At lecture room 123 in 1F of Graduate School of Mathematical Sciences, the University of Tokyo

16 November (Tuesday)

16:00~16:45 Keisuke Uchikoshi (National Defense Academy of Japan)

Hyperfunctions and vortex sheets

17:00~18:30 L. Boutet de Monvel (University of Paris 6)

Residual trace and equivariant asymptotic trace of Toeplitz operators

19:00~ Dinner Party

20 November (Saturday)

10:00~10:45 Shingo KAMIMOTO (the University of Tokyo)

Formal kernel functions of holomorphic pseudodifferential operators
of infinite order

11:00~12:00 Michael Ruzhansky (Imperial College London)

Pseudo-differential operators on compact Lie groups (1)

13:30~14:30 Michael Ruzhansky (Imperial College London)

Pseudo-differential operators on compact Lie groups (2)

15:00~15:45 Naoto KUMANOGO (Kogakuin University)

Path integrals for Gaussian processes as analysis on path space
by time slicing approximation

16:00~16:45 Kiyoomi KATAOKA (the University of Tokyo)

A system of fifth-order nonlinear partial differential
equations and a surface which contains many circles

21 November (Sunday)

10:00~10:50 Tokio Matsuyama (Tokai University)

Dispersion for 3D wave equation with a potential in an exterior domain

11:00~12:00 Michael Ruzhansky (Imperial College London)

Pseudo-differential operators on compact Lie groups (3)