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)

       WKB analysis of a Schrödinger equation with a merging triplet

        of two simple poles and one simple turning point via Mathieu equation

    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)

    10:00~11:10   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)