

Tsukuba Seminar on Infinite Dimensional Analysis

November 14th (Friday), 2008

JSPS-KOSEF Joint Research Project (2007-2008)

Institute of Mathematics

University of Tsukuba

Place: Rm. 1D814, University of Tsukuba

PROGRAM

10:15-10:25 **Opening**

Un Cig Ji (Chungbuk National University)

Nobuaki Obata (Tohoku University)

10:25-11:10 **Kiyoshi Takeuchi** (University of Tsukuba)

A-discriminants, monodromy zeta functions and Newton polyhedra
(joint work with Y. Matsui)

11:15-12:00 **Jaeseong Heo** (Hanyang University)

Spectral analysis of Hilbert C^* -module valued stationary stochastic processes

Lunch Break

14:00-14:45 **Un Cig Ji** (Chungbuk National University)

Nonadapted quantum stochastic calculus (Jointly with N. Obata)

14:45-15:30 **Kun Sik Ryu** (Hannam University)

The simple formula for conditional expectation on analogue of Wiener measure space

15:45-16:30 **Nobuaki Obata** (Tohoku University)

Positivity of Q -matrices and applications

16:30-17:15 **Hyun Jae Yoo** (Hankyong National University)

Statistical mechanics for determinantal point processes

Closing

Organizing Committee

N. Obata (Tohoku University)

S. Liang (University of Tsukuba)

U. C. Ji (Chungbuk National University)