Harmonic Analysis and its Applications
at Tokyo 2008

October 10–12, 2008
Tokyo Metropolitan University, Minami-Osawa Campus,
International House

October 10

9:30–10:20 **Yasuo Komori** (Tokai Univ)
Pseudo-differential operators on Hardy spaces

10:35–11:05 **Jungjin Lee** (Pohang University of Science and Technology)
Endpoint bilinear estimate for the oscillatory integral operators related
with the cone

11:20–12:10 **Sunggeum Hong** (Chosun University)
Maximal operators associated with smooth cylinder multipliers

14:00–14:50 **Yoshihiro Sawano** (Gakushuin University)
Maximal operator for pseudo-differential operators with homogeneous
symbols

15:05–15:55 **Chan Woo Yang** (Korea University)
Estimates for oscillatory strongly singular integral operators

16:10–16:40 **Youngcha Suh** (Korea University)
Newton distance of product type analytic functions.

16:55–17:45 **Joonil Kim** (Yonsei University)
Two versions of Nikodym maximal function on the Heisenberg group

October 11

9:30–10:20 **Sanghyuk Lee** (Seoul National University)
Bilinear restriction estimates for hypersurfaces

10:35–11:05 **Ihyeok Seo** (Seoul National University)
On multiplier operators associated with degenerate curves in the plane

11:20–12:10 **Kazuya Tachizawa** (Hokkaido University)
Schatten-von Neumann classes of pseudodifferential operators

14:00–14:50 **Eiichi Nakai** (Osaka Kyoiku University)
A generalization of Hardy spaces by using atoms and fractional integrals

15:05–15:55 **Yonggeun Cho** (Chonbuk National University)
On some smoothing effects of Schrödinger equation

16:10–16:40 **Tsuyoshi Yoneda** (University of Tokyo)
Global solvability of the Navier-Stokes equations in a rotating frame with spatially almost periodic data

16:55–17:45 **Yong-Kum Cho** (Chung-Ang University at Seoul)
Multiplicative Sobolev Inequalities

October 12

 9:30–10:20 **Shigehiko Kuratsubo** (Hirosaki University)
On some points of contact between multiple Fourier series and lattice point problems

10:35–11:05 **Naohito Tomita** (Tokyo Woman's Christian University)
Unimodular Fourier multipliers on modulation spaces

11:20–12:10 **Jong-Guk Bak** (Pohang University of Science and Technology)
Fourier restriction theorems for degenerate curves

14:00–17:30 **Discussion**

Organizers
Jong-Guk Bak (Pohang University of Science and Technology)
Sanghyuk Lee (Seoul National University)
Akihiko Miyachi (Tokyo Woman's Christian University)
Masami Okada (Tokyo Metropolitan University)