

Workshop on

Recent development of theory of analytic functionals and related topics.

March 6 (Wednesday)~ 8 (Friday), 2013.
At science building No. 3, third floor, room No. 307
Department of Mathematics, Hokkaido University
Kita 10, Nishi 8, Kita-Ku, Sapporo, Hokkaido, Japan.
Organizer: Naofumi Honda

Program

March 6 (Wednesday)

- 14:30 - 15:30 Kohei Umeta (Hokkaido Univ.)
The edge of the wedge theorem for holomorphic functions of exponential type and Laplace hyperfunctions (joint work with Naofumi Honda) – PART I.
- 16:00 - 17:20 Kohei Umeta (Hokkaido Univ.)
The edge of the wedge theorem for holomorphic functions of exponential type and Laplace hyperfunctions (joint work with Naofumi Honda) – PART II.

March 7 (Thursday)

- 11:00 - 12:20 Kunio Yoshino (Tokyo City Univ.)
Unique Support を持たない解析汎関数の構成法とヘルマンダーの例の精密化 – PART I.
- 12:30 - 13:40 Kunio Yoshino (Tokyo City Univ.)
Unique Support を持たない解析汎関数の構成法とヘルマンダーの例の精密化 – PART II.
- 14:45 - 15:55 Yasunori Okada (Chiba Univ.)
A functional approach to bounded hyperfunctions – PART I.
- 16:10 - 17:15 Yasunori Okada (Chiba Univ.)
A functional approach to bounded hyperfunctions – PART II.

17:30 - 19:00 Akira Kaneko (Ochanomizu Univ.)
定数係数線型偏微分方程式の実解析解の接続と解析汎函数の支台の評価.

March 8 (Friday)

10:25 - 11:30 Takashi Takiguchi (National Defense Academy of Japan)
Remarks on the representation of the vortex sheets in perfect fluid.

14:00 - 15:30 Naofumi Honda (Hokkaido Univ.)
Kernel functions of $\mathcal{E}^{\mathbb{R}}$ and their actions (joint work with T. Aoki and S. Yamazaki).