Symposium on

Recent topics in algebraic analysis (代数解析日大研究集会)

Organizers: Naofumi Honda (Hokkaido Univ.), Yasunori Okada (Chiba Univ.),
Kohei Umeta (Nihon Univ.) and Susumu Yamazaki (Nihon Univ.)

March 5 (Tue.) ∼ 7 (Thu.), 2024
Building No. 1 Room 131, Surugadai Campus,
College of Science and Technology, Nihon University

Program

March 5

12:45 - 13:30   Toshio Oshima (Josai University)
Transformations of hypergeometric systems

13:45 - 14:30   Haru Negami (Chiba University)
Generalization of twisted Long-Moody construction

14:45 - 15:30   Shunya Adachi (Chiba University)
不確定特異性を持つ線形 Pfaff 系に対する Fourier-Laplace 変換

16:30 - 18:30   小松先生を偲ぶ会   (於 学士会館)

March 6

10:00 - 10:45   Shingo Kamimoto (Hiroshima University)
WKB 解のリサージェンス性について (joint work with F. Fauvet and D. Sauzin)

11:00 - 11:45   Yoko Umeta (Hokkaido University)
非孤立特異点をもつ超曲面に付随するホロノミー D 加群 (joint work with S.Tajima)

13:45 - 14:30   Naoto Kumano-go (Kogakuin University)
トーラス上の相空間経路積分について

14:45 - 15:30   Ken Shibusawa (Chiba University)
クンマー型一般超幾何微分方程式の隣接関係について

15:45 - 16:30   Keisuke Uchikoshi (National Defense Academy)
繰り込み理論と擬微分作用素

March 7

10:00 - 10:45   Joe Kamimoto (Kyushu University)
Newton polyhedra and Archimedean zeta functions for meromorphic functions

11:00 - 11:45   Tatsuki Nishida (Hokkaido University)
Subanalytic site 上の Čech-Dolbeault コホモロジー理論について

13:45 - 14:30   Daichi Komori (Kindai University)
多重超局所作用素とその表象理論について (joint work with Naofumi Honda)

14:45 - 15:30   Ryosuke Sakamoto (Hokkaido University)
Uchida's triangle for sheaves on subanalytic sites and its application

15:45 - 16:30   Yutaka Matsui (Kindai University)
A nesting property of multicomplex hyperfunctions