

The 13th Conference on Real and Complex Analysis in Hiroshima (2010)

This conference is supported by :

- (A) JSPS Grant-in-Aid for Scientific Research 2234002501
(Conductor: Toshiyuki Sugawa, Tohoku University)
- (B) Hiroshima University

Period December 20 (Mon) - December 22 (Wed), 2010

Venue Reception Hall in Faculty Club, Hiroshima University, Higashi-Hiroshima, JAPAN

Program

December 20 (Monday)

9:00 - 9:20 Registration and Opening Session

9:20 - 10:00 Ern Gun Kwon (Andong National University)

BMOA pullback theory in general

10:10 - 10:50 Hiroaki Aikawa (Hokkaido University)

Modulus of continuity of the Dirichlet solutions

11:00 - 11:40 Junesang Choi (Dongguk University)

Some summation formulas involving harmonic numbers and generalized harmonic numbers

11:50 - 12:30 Makoto Masumoto (Yamaguchi University)

Measuring the sizes of handles of Riemann surfaces

12:30 - 14:00 Lunch

14:00 - 14:40 Hong Rae Cho (Pusan National University)

Fock-Sobolev spaces

14:50 - 15:30 Makoto Abe (Kumamoto University)

Domains which satisfy the strong disk property in a Stein manifold

15:40 - 16:20 Takao Kato (Yamaguchi University)

Bielliptic Weierstrass points

16:30 - 17:10 Yoshihiro Mizuta (Hiroshima University)

Iterated maximal functions in variable exponent Lebesgue spaces

17:20 - 18:00 Keiji Izuchi (Niigata University)

Wandering subspaces and the Beurling type theorem

December 21 (Tuesday)

9:00 - 9:40 Hyungwoon Koo (Korea University)

Composition operators on holomorphic Sobolev spaces in B_n

9:50 - 10:30 Kou Hei Izuchi (Korea University)

Hardy-Carleson measures and their dual Poisson-Szegö transforms

10:40 - 11:20 Masaharu Nishio (Osaka City University)

A generalization of the Cauchy-Riemann equations for parabolic equations

11:30 - 12:10 Boorim Choe (Korea University)

Progress on the finite-rank product problem for Toeplitz operators

12:10 - 13:30 Lunch

13:30 - 14:10 Takao Ohno (Oita University)

Hardy's inequality in Orlicz-Sobolev spaces of variable exponent

14:20 - 15:00 Hiroshi Yamamoto (Tohoku University)

TBA

15:10 - 15:50 Hiroshi Yanagihara (Yamaguchi University)

TBA

16:00 - 16:40 Mohaby Karima (Nara Women's University)

Bell Domains and Critical Point Parameters for Triply Connected Planar Domains

16:50 - 17:30 Shigeyasu Kamiya (Okayama University of Sciences)

Complex hyperbolic triangle groups

18:30 - 21:00 Reception at the restaurant "Hana-Sho"

December 22 (Wednesday)

10:00 - 12:00 Closing Session

14:00 - Open discussions

Organizers

Ern Gun Kwon (Andong National University)

Yoshihiro Mizuta (Hiroshima University)

Toshiyuki Sugawa (Tohoku University)