The Ninth Conference on Real and Complex Analysis in Hiroshima

Period December 15 (Thursday) – December 17 (Saturday), 2005

Place Conference Room, 2nd floor of Faculty Club, Hiroshima University, Higashi-Hiroshima, JAPAN

Program

December 15 (Thursday)

09:00 − 09:20 Registration

09:20 − 09:30 Opening session

09:30 − 10:10 Katsunori Shimomura (Ibaraki University)

Caloric morphism for rotation invariant metric

10:20 − 11:00 Kentaro Hirata (Hokkaido University)

Estimates for the Green function and applications

11:10 − 11:50 Takao Ohno (Hiroshima University)

Variable exponent spaces on metric measure spaces

14:00 − 14:50 Yong Chan Kim (Yeungnam University)

The Alexander transform of a spirallike function

15:00 − 15:50 Hong Rae Cho (Pusan National University)

The Cauchy Riemann problem on piecewise smooth domains

16:10 − 17:00 Anand P. Singh (Jammu University, Kyoto University)

Escaping sets and dynamics of composition of entire functions

17:10 − 17:50 Ken-ichi Sakan (Osaka City University)

On bi-Lipschitz constants for quasiconformal harmonic mappings

December 16 (Friday)

09:30 − 10:10 Makoto Masumoto (Yamaguchi University)

Hyperbolically maximal and circularizable domains on Riemann surfaces
(joint work with M. Shiba)

10:20 − 11:00 Masaharu Nishio (Osaka City University)

Toeplitz operators and Carleson measures on parabolic Bergman spaces
(joint work with Noriaki Suzuki and Masahiro Yamada)

11:10 − 11:50 Sei-ichiro Ueki

The essential norm of a weighted composition operator between weighted Bergman
spaces in the unit ball of $\boldsymbol{C}^N$

14:00 − 14:50 Ern Gun Kwon (Andong National University)

Mean Lipschitz spaces and Besov spaces on the ball

15:00 − 15:50 Boo Rim Choe (Korea University)

Sums of Toeplitz products on the Bergman space

16:10 − 17:00 Hyungwoon Koo (Korea University)

Composition operators induced by smooth self-maps of the unit ball in $\boldsymbol{C}^n$

17:10 − 17:50 Kei Ji Izuchi and Kou Hei Izuchi (Niigata University)

Rank-one cross commutators on the backward shift invariant subspaces

December 17 (Saturday)

10:00 − 10:40 Makoto Abe (Kumamoto University)

Holomorphic line bundles on a domain of a Stein manifold

10:50 − 11:30 Shigeyasu Kamiya (Okayama University of Science)

Discrete subgroups of $PU(1, n; \boldsymbol{C})$

13:30 − 17:00 Free Discussion

The above program is subject to change. More recent information can be found at
the following site:
`http://www.cajpn.org/complex/conf05/KJ2005.html`

Organizers:
  E. G. Kwon (Andong National Univ.)
  Y. Mizuta (Hiroshima Univ.)
  T. Sugawa (Hiroshima Univ.)