

The Tenth Conference on Real and Complex Analysis in Hiroshima

Period: November 2 (Thursday) – November 4 (Saturday), 2006

Venu: B707, Faculty of Science, Hiroshima University, Higashi-Hiroshima, JAPAN

Program

November 2 (Thursday)

09:30 – 10:15 Takeo Ohsawa (Nagoya University)

Hartogs type theorems and applications

10:30 – 11:00 Jisoo Byun (Pusan National University)

On the compactness of automorphism group of domain in \mathbb{C}^n

11:10 – 11:40 Kang-Hyurk Lee (Seoul National University)

A study of the Wong-Rosay theorem in almost complex manifolds

13:15 – 14:00 Masaharu Nishio (Osaka City University)

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

14:15 – 15:00 Boo Rim Choe (Korea University)

Schatten(-Herz) class Toeplitz operators on Bergman spaces of the half space

15:30 – 16:15 Kang-Tae Kim (POSTECH)

CR surfaces with special automorphisms

16:30 – 17:00 Jae-Cheon Joo (POSTECH)

On the Levenberg-Yamaguchi variation formula for Robin function

17:15 – 18:00 Hiroshi Yamaguchi

Determination of pseudoconvex domains with smooth boundary in the flag space which is not Stein. (joint work with Kang-Tae Kim and N. Levenberg)

November 3 (Friday)

09:30 – 10:15 Young Joo Lee (Chonnam National University)

Commuting Toeplitz operators on the Hardy space

10:30 – 11:15 Hong Rae Cho (Pusan National University)

Characterization of BMO or Lipschitz functions by Garsia-type norms (joint work with Jisoo Byun and Yeoung-Tae Seo)

11:30 – 12:15 Takuya Sobukawa (Okayama University)

Extrapolation theory on function spaces

- 13:25 – 14:10** Katsunori Shimomura (Ibaraki University)
Caloric morphism for two radial metrics
- 14:20 – 14:50** Sachiko Hamano (Nara Women's University)
Osgood-Hartogs theorem for separately harmonic functions
- 15:00– 15:30** Takuya Hosokawa (Nippon Institute of Technology)
Topological structure of the sets of composition operators on the Bloch spaces
- 15:50 – 16:20** Kou Hei Izuchi (Niigata University)
Cross commutators on backward shift invariant subspaces over the bidisk
- 16:30@– 17:15** Ern Gun Kwon (Andong National University)
Weighted Bergman spaces with formal weight I
- 17:30 – 18:15** Hiroaki Masaoka (Kyoto Sangyo University)
On several classes of harmonic functions on a hyperbolic Riemann surface

November 4 (Saturday)

- 09:30 – 10:15** Shuichi Ohno (Nippon Institute of Technology)
Hankel-type operators on the space of bounded harmonic functions
- 10:30 – 11:15** Eiichi Nakai (Osaka Kyoiku University)
The Hardy-Littlewood maximal operator and singular integral operators on Orlicz-Morrey spaces
- 11:30 – 12:15** Toshihiro Nakanishi (Shimane University)
A trace identity involving four parabolic elements of $SL(2, \mathbb{C})$
- 13:30 – 17:00** Free Discussion

The above program is subject to change. The latest information can be found at the following site:
<http://www.cajpn.org/complex/conf06/KJ2006.html>

Organizers:

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