

This is an announcement of a meeting in honor of Professor Shigeyasu Kamiya, who will retire from Okayama University of Science at the end of March, 2015.

## Complex Hyperbolic Geometry and Related Topics

### Meeting in honor of Shigeyasu Kamiya's Retirement

**Dates:** January 9 (Fri) — January 11 (Sun), 2015

**Place:** Okayama University of Science (OUS)

1-1 Ridai-cho, Kita-ku, Okayama, Okayama

**Rooms:** Rm 10241 (Jan. 9), Rm 22115 (Jan. 10, 11)

**Access:** There are busses from JR Okayama Station (fee: 210 yen)

West-side Gate 22: Bus #47 for "OUS" (20 min.)

East-side Gate 2: Bus #37, #87 for "OUS East Gate" (30 min.)

**Web-site :** <http://surgery.matrix.jp/math/kamiya/>

#### Program

##### January 9 (Fri) Room 10241

14:00–15:00 José Seade (National Autonomous University of Mexico)

On the limit set of complex Kleinian groups

15:20–16:20 Joonhyung Kim (Hannam University)

A characterization of complex hyperbolic Kleinian groups with trace fields contained in  $\mathbb{R}$

16:40–17:40 Keizo Hasegawa (Niigata University)

Non-Kähler complex geometric structures on homogeneous spaces

##### January 10 (Sat) Room 22115

10:00–11:00 John Parker (University of Durham)

Parabolic isometries of hyperbolic spaces and discreteness

11:15–12:15 Youngju Kim (Korea Institute for Advanced Study)

Parabolic quasiconformal conjugacy classes in the Heisenberg group

13:30–14:30 Ser Peow Tan (National University of Singapore)

Polynomial automorphisms of  $\mathbb{C}^n$  preserving the Markoff-Hurwitz polynomial

14:50–15:50 Yohei Komori (Waseda University)

Arithmetic aspects of growth rates for hyperbolic Coxeter groups

16:10–17:10 Shigeyasu Kamiya (Okayama University of Science)

Complex hyperbolic triangle groups of type  $(n, n, \infty)$

##### January 11 (Sun) Room 22115

10:00–11:00 Masaharu Morimoto (Okayama University)

An additively closed subset of the Smith set in the real representation ring

11:15–12:15 Boris Apanasov (University of Oklahoma)

Deformations of hyperbolic structures, nontrivial 4-cobordisms and homomorphisms of their fundamental groups

We are going to have a celebration party on the evening of January 10. If you plan to participate in the party, please send an email to Masayuki Yamasaki ([masayuki@das.ous.ac.jp](mailto:masayuki@das.ous.ac.jp)) by December 20, 2014. The fee is 4,000 yen.

Organizers:

Yoshinobu Kamishima (Josai University)

Toshihiro Nakanishi (Shimane University)

Masayuki Yamasaki (Okayama University of Science)