

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)