

2015 Fudan–KAIST Workshop on Algebra and Geometry

May 21~23, 2015

Venue: 1501(E6–1), Department of Mathematical Sciences, KAIST

Invited Speakers

Sanghoon BAEK (KAIST)
Kuok Fai CHAO (SCMS, Fudan Univ.)
Suh Hyun CHOI (KAIST)
Qingchun JI (Fudan Univ.)
Zhi LU (Fudan Univ.)
Jinhyun PARK (KAIST)
YongJoo SHIN (SCMS, Fudan Univ.)
Dong Youp SUH (KAIST)
Joonyeong WON (ASARC, KAIST)
Quanshui WU (Fudan Univ.)

Organizers

Meng CHEN (Fudan Univ.)
Sijong KWAK (KAIST)
Yongnam LEE (KAIST)
Quanshui WU (Fudan Univ.)

Program

	May 21(Thu)	May 22(Fri)	May 23(Sat)	
09:30–10:20	Wu	Suh	09:00–09:50	Choi
10:40–11:30	Park	Lu	10:10–11:00	Chao
11:50–12:40	Ji			
14:10–15:00	Baek			
15:20–16:10	Shin			
16:30–17:20	Won			

Title

Sanghoon BAEK (KAIST)

Semi-decomposable cohomological invariants of degree 3

Kuok Fai CHAO (SCMS, Fudan Univ.)

The geometry of tempered dual of special linear group

Suh Hyun CHOI (KAIST)

Finiteness of some 2-dimensional Galois representations over totally real fields

Qingchun JI (Fudan Univ.)

Solvability of the Dirac equation and geometric applications

Zhi LU (Fudan Univ.)

Equivariant unitary bordism and equivariant cohomology Chern numbers

Jinhyun PARK (KAIST)

On algebraic cobordism version of Grothendieck standard conjecture D.

YongJoo SHIN (SCMS, Fudan Univ.)

Gosset Polytopes on blown-up Hirzebruch surfaces

Dong Youp SUH (KAIST)

Symplectic capacities from Hamiltonian circle actions

Joonyeong WON (ASARC, KAIST)

Weakly exceptional weighted Fano complete intersection

Quanshui WU (Fudan Univ.)

Poisson (co)homology over smooth Poisson varieties