

November 18th, 2009

## Tohoku Fudan Joint Symposium on Algebraic Geometry

(A symposium by Grant-in Aid for Scientific Reserch 19340001)

**1. Date:** November 24th – 26th, 2009

**2. Location:** Kawai Hall, Mathematical Institute  
Graduate School of Science, Tohoku University  
Sendai 980-8578, JAPAN  
Tel. 022-795-6401 (Math. office)  
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**3. Organizer:** Masanori Ishida  
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Tadashi Ashikaga  
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### 4. Schedule:

11/24		11/25		11/26	
10:00–10:15	(Opening)	10:00–11:00	Yang	10:00–11:00	Ashikaga
10:15–11:15	Chen	11:15–12:15	Hanamura	11:15–12:15	Wang
11:30–12:30	Miyanishi				
14:00–15:00	Yukie	13:45–14:45	Hara	13:45–14:45	Ishida
15:15–16:15	Xie	15:00–16:00	Ogata		
16:30–17:30	Shimada	16:15–17:15	Sato		

Opening ceremony: November 24th, 10:00–10:15.

Reception: November 25th, 18:00–20:00.

**November 24th (Tues.)**

- Meng Chen (Fudan Univ.)      Some results on explicit birational geometry of algebraic threefolds
- Masayoshi Miyanishi  
(Kwansei Gakuin Univ.)      Singularities of normal affine surfaces with vanishing homologies
- Akihiko Yukie (Tohoku Univ.)      Orbits of prehomogeneous vector spaces
- Qihong Xie (Fudan Univ.)      Strongly liftable surfaces and the Kawamata-Viehweg vanishing in positive characteristic
- Ichiro Shimada (Hiroshima Univ.)      Transcendental lattices of complex algebraic surfaces

**November 25th (Wed.)**

- Jin-Gen Yang (Fudan Univ.)      Zariski pairs of sextic curves
- Masaki Hanamura (Tohoku Univ.)      Mixed Tate motives and cohomology realizations
- Nobuo Hara (Tohoku Univ.)      Splitting of Frobenius sandwich surfaces and (joint work with Tadakazu Sawada)
- Shoetsu Ogata (Tohoku Univ.)      Ample line bundles on weak Fano toric 3-folds
- Hiroshi Sato  
(Gifu Shotoku Gakuen Univ.)      Two-cycles on toric Fano manifolds

**November 26th (Thur.)**

- Tadashi Ashikaga  
(Tohoku Gakuin Univ.)      Local signature of fibered surface and its application
- Qingxue Wang (Fudan Univ.)      On regulator and  $SL_2(\mathbf{C})$  character variety of a hyperbolic link
- Masanori Ishida (Tohoku Univ.)      Complexes on not necessarily normal toric varieties