Conference on Geometry and Lie Theory
(with the Hong Hong Geometry Colloquium)

5 - 8 March, 2014   Room 210, Run Run Shaw Building, HKU

Wednesday, 5 March

10:00-10:05   Ngaiming Mok (Director, Institute of Mathematical Research, HKU)
Opening remarks
10:05-10:10   Remarks by the Organizers

10:10-11:10   Allen Knutson (Cornell University)
Interval rank varieties and Grassmannian Schubert calculus

      Coffee/Tea Break

11:30-12:30   Milen Yakimov (Louisiana State University)
Poisson unique factorization domains in Lie theory

      Lunch Break

13:50-14:50   Mathieu Stienon (Pennsylvania State University)
Poincaré-Birkhoff-Witt isomorphisms and L-infinity algebras associated to Lie pairs

Thursday, 6 March

14:00-15:00   Conan Leung (Chinese University of Hong Kong)
Coisotropic A-branes in SYZ mirror symmetry

      Coffee/Tea Break

15:15-16:15   Ting Xue (University of Helsinki)
Nilpotent orbits and Springer representations

      Coffee/Tea Break

16:30-17:30   Dragan Milicic (University of Utah)
Geometry, n-homology and discrete series

      Conference Dinner

Friday, 7 March

10:00-11:00   Sam Evens (University of Notre Dame)
The Gelfand-Zeitlin system and K-orbits on the flag variety

      Coffee/Tea Break

11:30-12:30   Tudor Ratiu (École Polytechnique Fédérale de Lausanne)
The geometric nature of the Flaschka transformation

      Lunch Break

14:00-14:45   Victor Mouquin (University of Hong Kong)
On a Poisson structure on products of flag varieties

15:00-15:45   Yunxin Zhang (University of Hong Kong)
Characterization of standard model in rational homogeneous spaces by means of VMRT-structure

Saturday, 8 March (Hong Kong Geometry Colloquium)

10:00-11:00   Aissa Wade (Pennsylvania State University)
An odd-dimensional counterpart of generalized complex geometry

      Coffee/Tea Break

11:30-12:30   Ping Xu (Pennsylvania State University)
Holomorphic Poisson manifolds and symplectic realizations

Organizers: Jiang-Hua Lu, Aissa Wade, Siye Wu and Ping Xu