

**Program – NCTS 2008 Winter Workshop on
Representation Theory**

January 25-29, 2008, NCTS Lecture Room A, 4F

*** Friday, 25 January 2008**

9:00	Registration
9:20	Opening, By Jing Yu (Head of NCTS)
9:30-10:30	Jing-Song Huang (Hong Kong University of Science and Technology) Index theory and representation theory I (page:)
11:00-12:00	Shun-Jen Cheng (Academia Sinica) Characters of Lie superalgebras I (page:)
Lunch	
14:00-15:00	Chengbo Zhu (National University of Singapore) Unitary representations and their constructions I (page:)
15:00-15:30	Tea time
15:30-16:30	Shu-Yen Pan (National Tsing Hua University) Langlands functoriality and local theta correspondence I (page:)

***Saturday, 26 January 2008**

9:30-10:30	Kyo Nishiyama (Kyoto University) Introduction to the geometry of Kc-orbits on the flag varieties and nilpotent orbits I (page:)
11:00-12:00	Ching-Hung Lam (National Cheng Kung University) On holomorphic framed vertex operator algebras of rank 24 I (page:)
Lunch	
14:00-15:00	Hiroshi Yamashita (Hokkaido University) Geometric invariants associated with the discrete series representations I (page:)
15:00-15:30	Tea time
15:30-16:30	Meng-Kiat Chuah (National Tsing Hua University) Models of semisimple Lie groups I (page:)

*** Monday, 28 January 2008**

9:30-10:30	Jing-Song Huang (Hong Kong University of Science and Technology) Index theory and representation theory II (page:)
11:00-12:00	Shun-Jen Cheng (Academia Sinica) Characters of Lie superalgebras II (page:)
Lunch	
14:00-15:00	Chengbo Zhu (National University of Singapore) Unitary representations and their constructions II (page:)
15:00-15:30	Tea time
15:30-16:30	Shu-Yen Pan (National Tsing Hua University) Langlands functoriality and local theta correspondence II (page:)

***Tuesday, 29 January 2008**

9:30-10:30	Kyo Nishiyama (Kyoto University) Introduction to the geometry of Kc-orbits on the flag varieties and nilpotent orbits II (page:)
11:00-12:00	Ching-Hung Lam (National Cheng Kung University) On holomorphic framed vertex operator algebras of rank 24 II (page:)
Lunch	
14:00-15:00	Hiroshi Yamashita (Hokkaido University) Geometric invariants associated with the discrete series representations II (page:)
15:00-15:30	Tea time
15:30-16:30	Meng-Kiat Chuah (National Tsing Hua University) Models of semisimple Lie groups II (page:)