

MIST 2017-II: Mathematics Inspired by String Theory
Conference in Algebraic Geometry
September 26-29, 2017

Jointly organized by The Institute of Mathematical Sciences & Department of Mathematics, CUHK

5/F, Academic Building No. 1, The Chinese University of Hong Kong

PROGRAM

SEPTEMBER 26 (TUESDAY)

09:30 - 10:00	5B Lobby	T E A R E C E P T I O N
10:00 - 11:00	502a	Meng CHEN (Fudan University) <i>On the anti-canonical geometry of weak \mathbb{Q}-Fano 3-folds</i>
11:00 - 12:00	502a	Jungkai CHEN (National Taiwan University) <i>Effective log-toric fibrations of threefolds</i>
12:00 - 14:00		C O N F E R E N C E L U N C H
14:30 - 15:00	5B Lobby	T E A R E C E P T I O N
15:00 - 16:00	502a	Qingyuan JIANG (CUHK) <i>Categorical Plücker formula and derived equivalences via 'chess game'</i>
16:00 - 17:00	502a	Xiaotao SUN (Chinese Academy of Sciences) <i>Stratified bundles and Representation spaces</i>
17:00 - 17:30	5B Lobby	W E L C O M I N G P A R T Y
18:30		C O N F E R E N C E D I N N E R

SEPTEMBER 27 (WEDNESDAY)

09:30 - 10:00	5B Lobby	T E A R E C E P T I O N
10:00 - 11:00	502a	Baohua FU (Chinese Academy of Sciences) <i>Euler-symmetric projective varieties</i>
11:00 - 12:00	502a	Claire VOISIN (Institut de Mathématiques de Jussieu) <i>Segre numbers of tautological bundles on Hilbert schemes</i>
12:00 - 14:00		C O N F E R E N C E L U N C H
14:30 - 15:00	5B Lobby	T E A R E C E P T I O N
15:00 - 16:00	502a	Eduard LOOIJENGA (Tsinghua University) <i>Genus 6 curves with icosahedral symmetry</i>

SEPTEMBER 28 (THURSDAY)

09:30 - 10:00 5B Lobby T E A R E C E P T I O N

10:00 - 11:00 502a **Sheng-Li TAN** (East China Normal University)
On the classification of foliations defined by differential equations

18:00 C O N F E R E N C E B A N Q U E T

SEPTEMBER 29 (FRIDAY) *[also as the Hong Kong Geometry Colloquium]*

09:30 - 10:00 5B Lobby T E A R E C E P T I O N

10:00 - 11:00 502a **JongHae KEUM** (KIAS, Korea)
Fake projective planes

11:00 - 12:00 502a **János KOLLÁR** (Princeton University)
Moduli of varieties of general type

~ A l l a r e w e l c o m e ~

This event is partially supported by "Programme on Geometric Analysis".