

International Conference on Geometric and Complex Analysis

July 13, 2010 --- July 15, 2010, Nanjing

July 13, Tuesday

Morning:

- 10:00 – 10:20 Opening and welcome remarks and group photo
- 10:25 – 11:15 Ngaiming Mok (Hong Kong University, Hong Kong)
Analytic continuation and rigidity of germs of holomorphic isometries and measure-preserving maps between bounded symmetric domains
- 11:25 – 12:15 Jie Qing (UCSC, USA)
Spectral characterization of conformally compact Einstein manifolds with an infinity of positive Yamabe type
- 12:25 Lunch Break (Nan Yuan Restaurant)

Afternoon:

- 14:00 – 14:50 Mei-Chi Shaw (Notre Dame University, USA)
The Cauchy-Riemann Equations and L^2 Serre Duality on Complex Manifolds
- 15:00 – 15:50 Yuxin Ge (Parix XII, France)
An almost Shur Theorem on 4-dimensional manifolds
- 16:00 – 16:50 Xiuxiong Chen (University of Wisconsin-Madison)
TBA
- 18:00 Dinner (Nanjing Purple Palace or Nan Yuan)

July 14, Wednesday

Morning:

- 10:00 – 10:50 Xiaohua Zhu (Peking University)
Kaehler-Ricci flow and deformation of complex structures
- 11:10 – 12:00 Shu-Cheng Chang (National Taiwan University)
Geometric Evolution Problems in a closed Pseudohermitian 3-manifold
- 12:10 Lunch Break (Nan Yuan)

Afternoon:

- 14:00 – 14:50 Zhou Zhang (University of Michigan, USA)
Stability of solutions for complex Monge-Ampere equations over closed manifolds
- 15:00 – 15:50 Qing Han (Notre Dame University, USA)
Linearization of isometric embedding and its characteristic variety
- 16:00 – 16:50 Yihu Yang (Tongji University)
A remark on singularities of the period mapping (after Wilfried Schmid)
- 18:00 Banquet

July 15, Thursday**Morning:**

- 10:00 – 10:50 Binglong Chen (Sun Yat-sen University)
Complete classification of compact four-manifolds with positive isotropic curvature
- 11:10 – 12:00 Jiayu Li (AMSS-CAS, Beijing)
Two ways to find holomorphic curves in Kaehler surfaces
- 12:10 Lunch Break (Nan Yuan)

Afternoon:

- 14:00 – 14:50 Xiaojun Huang (Rutgers University, USA)
Holomorphic maps between hyperquadrics with small signature
- 15:00 – 15:50 Weiping Zhang (Nankai University)
Generalized Witten genus and vanishing theorems
- 16:00 Closing Remarks (Professor Gang Tian)
- 18:00 Dinner (Nanjing Purple Palace or Nan Yuan)