

2013 Nanjing Conference on Geometric Analysis

June 17, 2013 --- June 21, 2013, Nanjing

June 17, Monday

Morning:

- 8:30 – 9:00 Opening remark and group photo
- 9:00 – 9:50 Weiping Zhang (Nankai University, China)
Eta invariant and closed geodesics
- 9:55 – 10:45 Xiaohua Zhu (Peking University, China)
On the structure of spaces with Bakry-Emery Ricci curvature bounded below
- 11:10 – 12:00 Xiaodong Cao (Cornell University, USA)
Curvature behavior at singularity time of Ricci flow
- 12:00 Lunch Break

Afternoon:

- 14:30 – 15:20 Jiayu Li (University of Science and Technology of China)
Convergence of Hermitian-Yang-Mills flows
- 15:25 – 16:15 Yuguang Shi (Peking University, China)
Some geometric problems of conformally compact Einstein manifolds
- 16:40 – 17:30 Xinan Ma (University of Science and Technology of China)
The spacetime convexity of the levels sets of heat equation
- 18:00 Dinner (Nan Yuan Restaurant)

June 18, Tuesday

Morning:

- 9:00 – 9:50 Xi-Ping Zhu (Sun Yat-sen University, China)
Ricci curvature on Alexandrov spaces
- 9:55 – 10:45 Weimin Sheng (Zhejiang University, China)
Variational structure of σ_k on manifolds with boundary
- 11:10 – 12:00 Changfeng Gui (University of Connecticut and Hunan University)
Even Symmetry of Axially Symmetric Solutions of the Allen-Cahn Equation
- 12:00 Lunch Break

Afternoon:

- 14:30 – 15:20 Xianzhe Dai (University of California, Santa Barbara, USA)
Degeneration of Analytic Torsion via Eguchi-Hanson Instanton
- 15:25 – 16:15 Zheng Huang (The City University of New York, USA)
Stability of the volume preserving mean curvature flow in hyperbolic space
- 16:40 – 17:30 Huicheng Yin (Nanjing University, China)
Global smooth solution to M-D compressible flow with vacuum state at infinity
- 18:00 Banquet

June 19, Wednesday

Free Discussion

June 20, Thursday

Morning:

- 9:00 – 9:50 Bo Guan (Ohio State University, USA)
The asymptotic Plateau problem in hyperbolic space
- 9:55 – 10:45 Feng Zhou (East China Normal University)
Entire solutions for a semilinear elliptic equations with negative exponent
- 11:10 – 12:00 Longzhi Lin (Rutgers University, USA)
Uniformity of harmonic map heat flow at infinite time
- 12:00 Lunch Break

Afternoon:

- 14:30 – 15:20 Elton P. Hsu (Northwestern University, USA and University of Science and Technology of China)
Brownian Motion, Volume Growth and Conservation of the Heat Kernel on a Riemannian Manifold
- 15:25 – 16:15 Xuezhong Chen (Nanjing University, China)
Conformal curvature flows on S^n
- 16:40 – 17:30 Peng Lu (University of Oregon, USA)
Shrinking Ricci solitons
- 18:00 Dinner (Nan Yuan Restaurant)

July 21, Friday

Morning:

- 9:00 – 9:50 Fuquan Fang (Capital Normal University, China)
Reflection groups, non-negative curvature and Tits geometry
- 9:55 – 10:45 Zhenlei Zhang (Capital Normal University, China)
On the partial C^0 estimate of a Kahler-Ricci flow
- 11:10 – 12:00 Binglong Chen (Sun Yat-sen University, China)
Local version of log improvement of curvature pinching estimate
- 12:00 Lunch Break

Afternoon:

- 14:30 – 15:20 Jixiang Fu (Fudan University, China)
Limiting behavior of a class of Hermitian-Yang-Mills metrics
- 15:25 – 16:15 Anmin Li (Sichuan University, China)
Extremal Kahler metrics on toric manifolds
- 18:00 Dinner (Nan Yuan Restaurant)