一、日程表

日期	时间	主持人	事项	地点
3月22日	全天		登记入住	金沙湾宾馆
	16:00开始		注册报到，领取会议材料	
	18:30		晚餐	
3月23日	8:10		金沙湾大堂集合，统一出发至海韵园	厦门大学海韵校区
	8:30-8:40		开幕式	
	8:40-9:30	朱小华	**张振雷**（首都师范大学） On the Kahler-Ricci Flow on Smooth Minimal Models	
	9:30-10:00		合影、茶歇	
	10:00-10:50	关启安	**李超**（中国科学技术大学） Numerical Flat Vector Bundles Over Non-Kähler Manifolds	
	11:00-11:50		**简旺键**（北京大学） The Long-time Solution of the Kahler-Ricci Flow and Collapsing Monge-Ampere Equation	
	12:00		午餐	大丰苑二楼
	13:00		大丰苑一楼候车，统一乘车返回酒店	
	14:30-15:30	谭绍滨	**国家天元数学东南中心名家讲堂** **田刚**（北京大学） 欧拉公式与计数几何	厦门大学海韵校区
	16:00-16:30		茶歇	
	16:30-17:20	张振雷	**张科伟**（北京大学） Delta Invariant and Its Computation	
	18:00		晚餐	大丰苑二楼
	20:00		大丰苑一楼候车，统一乘车返回酒店	
3月24日	8:40		金沙湾大堂集合，统一出发至海韵园	厦门大学海韵校区
	9:00-9:50	张希	**关启安**（北京大学） 强开性猜想和L2延拓问题	
	9:50-10:20		茶歇	
	10:20-11:10		**夏超**（厦门大学） Stability on Two Types of Partitioning Problems	
	11:30		午餐	大丰苑二楼
	12:30		大丰苑一楼候车，统一乘车返回酒店	

二．学术报告题目与摘要

On the Kahler-Ricci Flow on Smooth Minimal Models

张振雷（首都师范大学）

Abstract：

In this talk I will present some progress on the convergence of Kahler-Ricci flow on smooth minimal models. It is a joint work with Song and Tian.

The Long-time Solution of the Kahler-Ricci Flow and Collapsing Monge-Ampere Equation

简旺键（北京大学）

Abstract:

We will talk about the long-time solution of the Kahler-Ricci flow on minimal model with intermediate Kodaira dimension. We will first introduce the basic knowledge of such flow and relevant progresses in recent years, for example the relative volume comparison of Tian-Zhang. The main obstruction here is the collapsing of the metric. Finally, I will talk about the scalar curvature convergence of such flow, and give the outline of the proof.

Numerical Flat Vector Bundles Over Non-Kähler Manifolds

李超（中国科学技术大学）

Abstract:

In this talk, we first recall some classical results on the differential geometry of holomorphic vector bundles, then we introduce our recent work joint with Yanci Nie and Xi Zhang. We proved that on a compact Hermitian manifold satisfying the Gauduchon and Astheno-Kähler conditions, numerically flatness is equivalent to semi-stability with vanishing first and second Chern numbers. This gives an affirmative answer to a question proposed by Demailly, Peternell and Schneider.

Delta Invariant and Its Computation

张科伟（北京大学）

Abstract:

In this talk, I will introduce delta invariant and discuss its relation with K-stability. Then I will mainly focus on the computation of delta invariant on complex surfaces. It turns out that the computation can be reduced to a purely intersection-theoretic problem on surfaces. This is a joint work with Ivan Cheltsov and Yanir Rubinstein.

强开性猜想和 L2 延拓问题

关启安（北京大学）

摘要：

我们将回顾强开性猜想和L2延拓问题的内容，研究过程和应用，并介绍一些近期进展。报告主要内容包括报告人和周向宇院士合作的工作，和李震乾博士合作的工作，和独立完成的工作。

Stability on Two Types of Partitioning Problems

夏超（厦门大学）

Abstract:

In this talk, two geometric variational problems, so-called partitioning problems for convex domains will be discussed. Type-I is on area minimizing hypersurfaces with volume constraint and Type-II is on area minimizing ones with wetting area constraint. The stationary points for Type-I are free boundary CMC hypersurfaces while the ones for Type-II are minimal hypersurfaces with constant contact angle. We study the stability problem, namely, the second variation for area functional is nonnegative under two types of admissible deformations. We show the uniqueness result for stable type -I or type-II stationary hypersurfaces in a Euclidean ball. This talk is based on joint works with Guofang Wang and Jinyu Guo respectively.