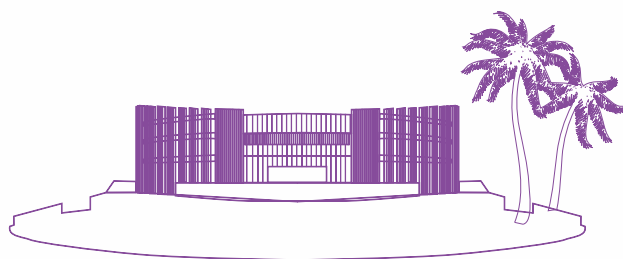




清华三亚国际数学论坛

Tsinghua Sanya International Mathematics Forum



2018 中国 三亚
Sanya, China 2018



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概况介绍 Introduction

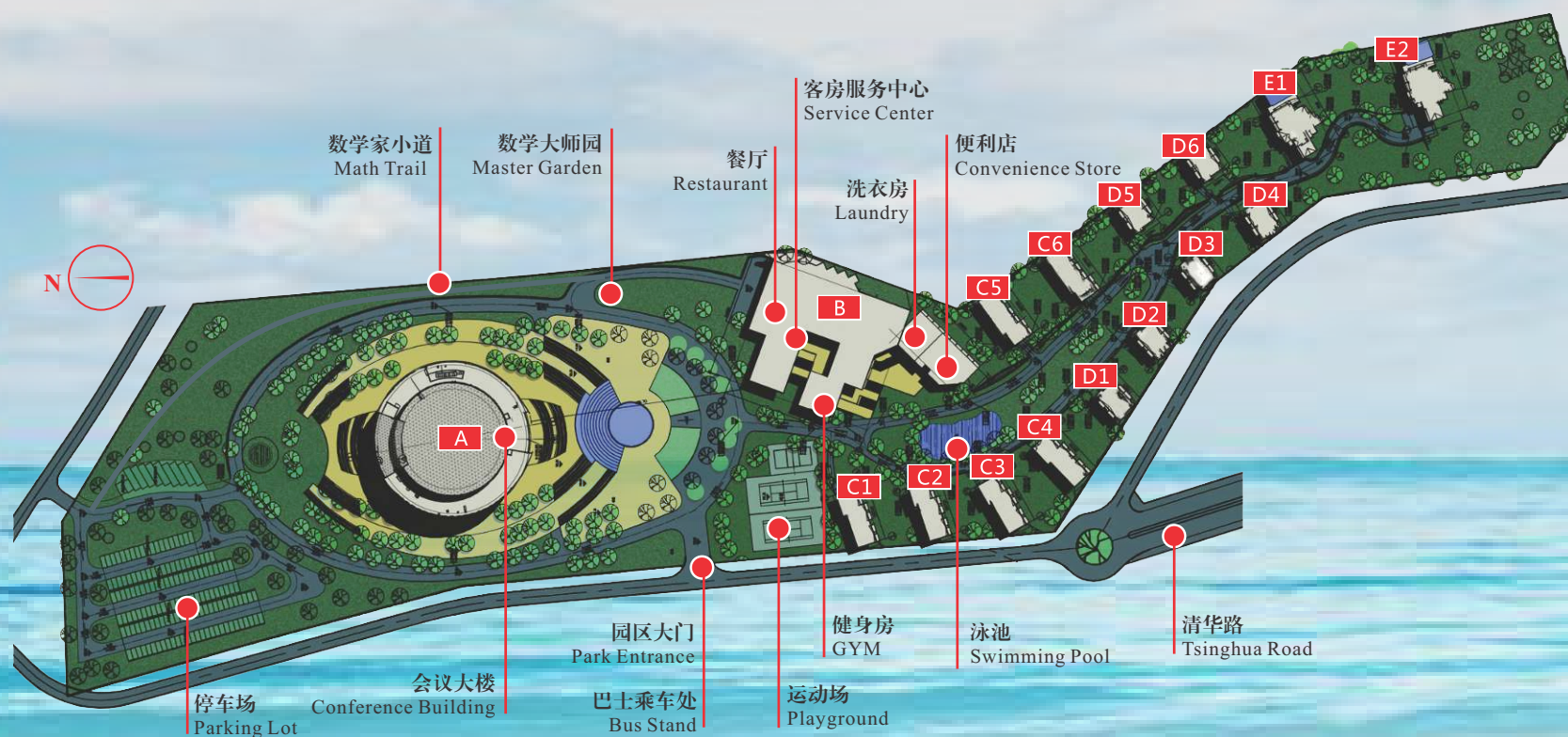


清华三亚国际数学论坛园区坐落在中国最南部的热带滨海城市——海南省三亚市西北部凤凰岭的群山丛中，毗邻三亚凤凰国际机场，东距三亚市中心约15公里，西距天涯海角旅游风景区约6公里，与三亚湾海滨直线距离约4.5公里。

Tsinghua Sanya International Mathematics Forum(TSIMF)is located in the mountains of northwestern of Sanya City, Hainan Province, the southernmost tropical coastal city in China. It is adjacent to Sanya Phoenix International Airport, about 15 kilometers east of Sanya City Center, about 6 kilometers west of Tianya Haijiao Tourism Scenic Area and about 4.5 kilometers straight from Sanya Bay seaside.

论坛园区占地面积140亩，拥有16栋建筑，面积近3万平方米，设有报告厅、各类会议室、图书馆、停车场、餐厅、运动场、健身房、游泳池等设施。会议大楼建筑面积13000平方米，拥有十多个大中小型会议室，满足不同的会议需求。

TSIMF covers an area of 23 acres and has 16 buildings. It has lecture hall, meeting rooms, library, parking lots, restaurants, playgrounds, gymnasium, swimming pool and other facilities. Conference building is 13,000 square meters, with more than 10 vaious meeting rooms to meet different needs of conferences.



数学会议 Mathematical Conferences



“清华三亚国际数学论坛”由菲尔兹奖获得者、哈佛大学教授丘成桐先生倡议发起，第一届国际数学论坛于2010年12月在海南省三亚市天域酒店召开。

The Tsinghua Sanya International Mathematics Forum was initiated by Shing-Tung Yau, professor of Harvard University and winner of Fields Medal. The first forum was held in December 2010, in Horizon Resort & Spa, Sanya City, Hainan Province.



2010

2011

2011年12月，第二届清华三亚国际数学论坛在三亚国光豪生度假酒店隆重召开。

In December 2011, the 2nd Conference of Tsinghua Sanya International Mathematics Forum was held in Howard Johnson Resort Sanya Bay Hotel.



2013



2013年1月第三届清华三亚国际数学论坛在三亚国光豪生度假酒店隆重召开。

In January 2013, the 3rd Tsinghua Sanya International Mathematics Forum was held in Howard Johnson Resort Sanya Bay Hotel.

2013

2013年12月18日，在新落成的清华三亚国际数学论坛园区举行了第四届清华三亚国际数学论坛开幕式和论坛会址揭牌仪式，论坛永久会址正式启用。此后，由清华大学丘成桐数学科学中心组织，一系列国际数学会议在这里举行。



On December 18, 2013, the opening ceremony of the 4th Tsinghua Sanya International Mathematics Forum and the inauguration ceremony of the forum site were held in the newly built forum park. It means the permanent conference center was officially opened. Since then, a series of international mathematical conferences have been held here organized by Yau Mathematical Science Center, Tsinghua University.



2014年12月,第五届清华三亚国际数学论坛。

In December 2014, the 5th Conference of Tsinghua Sanya International Mathematics Forum.

2014

2015



2016年12月,第七届清华三亚国际数学论坛。

In December 2016, the 7th Conference of Tsinghua Sanya International Mathematics Forum.

2016

2017



2015年12月,第六届清华三亚国际数学大师论坛。

In December 2015, the 6th Conference of Tsinghua Sanya International Mathematics Forum.



2017年12月,第八届清华三亚国际数学论坛。

In December 2017, the 8th Conference of Tsinghua Sanya International Mathematics Forum.

数学会议合影精选 GROUP PHOTO



结构矩阵的计算与应用学术研讨会
Structured Matrix Computations with Applications



复杂时间序列建模与预报研讨会
Complex Time Series Modelling and Forecasting Dynamic



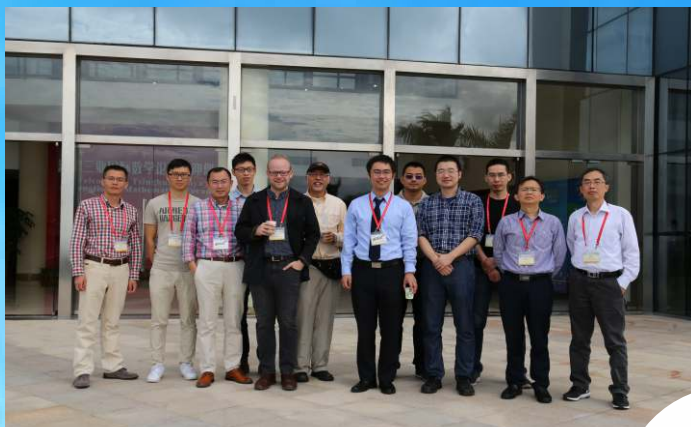
逼近论及其应用国际研讨会
From Approximation Theory to Real World Applications



第十六届国际代数表示论会议
The 16th International Conference on Representations of Algebras



傅立叶分析及其应用研讨会
Fourier Analysis and Applications



光子和声音的未来方向研讨会
Future Directions of Photonics and Phononics



黑洞、量子力学与可解量子系统研讨会
Black Holes, Quantum Chaos, and Solvable Quantum Systems



数学生物物理及分子生物学研讨会
Mathematics Biophysics and Molecular Biosciences



生物医学中的数学模型与计算研讨会
Mathematical Modelling and Computation in Medicine Biology



算法博弈论及互联网经济学研讨会
Algorithmic Game Theory and Internet Economics

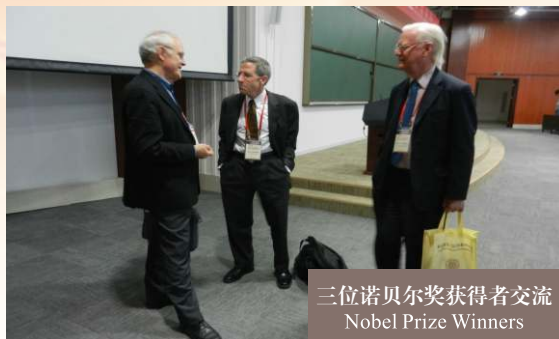


算子代数和调和分析2017年研讨会
Workshop on Operator Algebras and Harmonic Analysis 2017

会议掠影 Highlights of Conferences



与大师对话
Conversation with Master



三位诺贝尔奖获得者交流
Nobel Prize Winners



大师与学生
Masters & Students

自2013年底至2018年底，清华三亚国际数学论坛已举办国际数学会议超过100次，参会人员逾5000人次，遍及世界六大洲50多个国家。包括菲尔兹奖获得者、诺贝尔奖获得者、中外院士等学术大师，以及许多世界一流大学和研究机构的数学家前来参加会议，进行学术交流，在国际数学界产生了较大的影响。

From 2013 to 2018, Tsinghua Sanya International Mathematics Forum has held more than 100 international mathematics conferences, with more than 5,000 participants, covering more than 50 countries on six continents. Including Fields Medal winners, Nobel Prize winners, Chinese and foreign academicians, as well as mathematicians from many world-class universities and research institutions came to participate in the conferences, which has had a great influence in the international mathematics community.





菲尔兹奖获得者在论坛 The Fields Medalists in TSIMF



Shing-Tung Yau



Stanislav Smirnov



David Mumford



Stephen Smale



Ngô Bảo Châu



Maxim Kontsevich



Edward Witten



Vaughan F. R. Jones



数学家在论坛



Mathematicians
in TSIMF



除定期召开国际数学会议之外，论坛也承接了物理学、计算机、自动化、航空航天、经济学、历史学、教育学、体育学等其它领域的学术会议和学术交流及教育培训活动。

In addition to regular international conferences on mathematics, we also host academic conferences in other fields such as physics, computer science, automation, aerospace, economics, history, pedagogy, sports science, and other academic exchanges, and educational training courses.



1



2



3



4



5



6

1、CIE2018全国高校新一代信息技术师资培训班--人工智能方向

CIE2018 National Training Course for the New Generation of Information Technology Teachers --The Direction of AI

2、2018中国过程控制专委会常务委员会会议

2018 Standing Committee of China Process Control Commission

3、全国高校教练员高级培训班

National Advanced Training Course for College Coaches

4、第十三届ChinaSys研讨会

The 13th ChinaSYS Workshop

5、第七届传统知识历史学国际研讨会

The 7th International Symposium on History of Indigenous Knowledge

6、2018年“动力学与控制研究团队”创新发展论坛

2018 "Dynamics and Control Research Team" Innovation and Development Forum

采访 Interview

签书活动 Book Signing

茶歇 Tea Break



交流活动 Exchange Activities



2018海南-亚洲大学对话会
Hainan-Asian Universities Higher Education Dialogue

2018海南高考招生工作论坛会在论坛举办
2018 Hainan College Entrance Examination Forum was held at TSIMF



中国国家花样滑冰队为期一个月的双人滑选拔训练营在论坛开营
Chinese National Figure Skating team was assembled for training at TSIMF, which will be lasted about more than 1 month.



“首期高校非学历继续教育转型发展”院长工作坊

Director's Workshop on "The First Transformation and Development of Non-academic Continuing Education in Colleges and Universities"

普通高校继续教育综合改革与发展高级研修班
Seminar on Continuing Education in Colleges and Universities



基础教育校长论坛在清华三亚国际数学论坛成功举办
The Forum of Basic Education Headmasters was held at TSIMF

清华三亚国际数学论坛致力于提供一个美丽幽雅的学术研究交流环境，欢迎世界各国高水平的理论数学、应用数学、统计学及其他学科的学者和研究团队前来进行学术交流、研讨，开展合作。为探索新的研究方向，发展新的理论，培养优秀数学人才，提高中国数学研究和其他学科研究水平提供一个平台。也利用这样一个环境举办青少年夏令营和冬令营，培养青少年对于科学的兴趣，从而发展成为科学创新的基地和未来科学人才培养的基地。

TSIMF is devoted to providing an elegant and quiet exchange environment for academic research. It has developed into a base of scientific innovation through academic exchanges and cooperation among the world's leading purely maths, applied mathematics, statistics, and other disciplines research teams. It will provide a platform for exploring new research directions, developing new theories, cultivating outstanding math talents and raising the level of Chinese mathematics research. We also use this environment to organize summer and winter camps for teenagers, to cultivate their interest in science, and to develop into a training base for future scientific talents.



中小學生夏令營
Summer Camp



三亞市中學學生參加論壇舉辦的高考講座
College Entrance Examination Seminar for Sanya Middle School



三亞市中小學生參觀論壇
TSIMF Tour for Sanya Middle School Students



丰富多彩的论坛生活 COLORFUL LIFE AT TSIMF

植树 Tree Painting
竹竿舞 Bamboo Dance
庆祝生日 Birthday Celebration
新年晚会 New Year Gala





论坛建设 Construction

2009年，著名数学家丘成桐先生提出在海南建设国际数学论坛的倡议，在中央领导的关怀和海南省、三亚市的大力支持下，2010年6月，清华大学与三亚市政府签订了合作建设“清华三亚国际数学论坛会议中心”的协议，三亚市无偿

划拨140亩建设用地，园区建筑由清华校友史维学先生捐建。论坛园区的建设施工于2012年6月动工，2013年10月完工，2013年12月18日举行了隆重的揭牌仪式。



2010年6月，清华大学与三亚市政府签订合作建设协议。

Tsinghua University and Sanya Government signed the construction cooperation agreement in June 2010.

2012年6月，项目捐建公司开始进场组织施工。2013年10月，清华三亚国际数学论坛园区内的建筑施工基本结束。

In June 2012, the donation company began to organize construction. In October 2013, the construction of buildings in the campus was basically completed.

2013年12月，第四届清华三亚国际数学论坛暨会址落成典礼揭幕。

December 2013, the opening ceremony of the 4th Tsinghua Sanya International Mathematics Forum.

2015年初，清华路正式建成。

The Tsinghua Road was officially completed at the beginning of 2015.

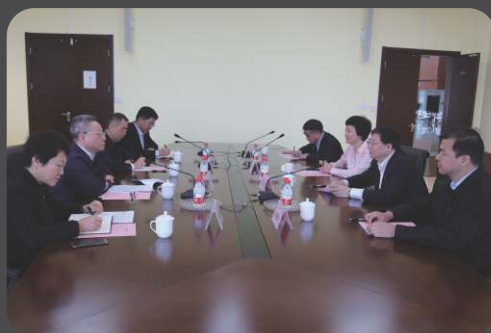


In 2009, professor Shing-Tung Yau proposed the initiative of building an international mathematics forum in Hainan. With the support of the central government and the local governments of Hainan Province and Sanya City, an agreement on cooperative construction for the "Tsinghua Sanya International Mathematics Forum Conference Center" was signed between Tsinghua University and Sanya government in June 2010. Sanya government allocated 23 acres land for construction, and the park building was donated by Mr. Shi Weixue, a Tsinghua alumnus. The construction of the Forum Park started in June 2012 and was completed in October 2013. The inauguration ceremony was held on December 18, 2013.



2016年底，会议主楼屋顶及网架结构整改完毕。

The roof structure of the main building was completed at the end of 2016.



2018年2月，清华大学领导在清华三亚国际数学论坛会见了海南省领导。

In February 2018, leaders of Tsinghua University met with leaders of Hainan Province at the Tsinghua Sanya International Mathematics Forum.



2018年12月，数学家小道建成，旨在为入住论坛的各国学者和客人提供幽美的环境，感受自然的同时探究科学的奥秘。

The Math Trail was completed in December 2018, which aims to provide a beautiful environment for participants who are staying at TSIMF.



服务设施 About Facilities

清华三亚国际数学论坛不断改善条件和服务设施，可以为每一位前来参会的嘉宾提供会议、住宿、餐饮和休闲服务。

The service conditions and facilities of Tsinghua Sanya International Mathematics Forum have been continuously improved and enriched. Each guest who comes here can be provided with exchange, accommodation, catering, leisure and exercise services.



清华三亚国际数学论坛图书馆设有外文阅览室和中文阅览室，总面积664.5平方米。图书馆馆藏文献一万三千余册。

为了让读者更好了解菲尔兹奖获得者在数学研究领域做出的贡献，清华三亚国际数学论坛图书馆设立了“菲尔兹奖获得者著作专藏”，作为图书馆的永久珍藏，为数学研究人员和广大读者提供服务。

目前，清华三亚国际数学论坛图书馆的“菲尔兹奖获得者著作专藏”收藏有47位获得者的著作234册。

The TSIMF has two reading rooms: Foreign languages reading room and Chinese reading room , with a total construction area of 664.5 square meters. So far, the library contains about 13,000 volumes of books.

In order to give readers a better understanding of the contributions made by the Fields Medalists, the library of Tsinghua Sanya International Mathematics Forum (TSIMF) instituted the Special Collection of Fields Medalists as permanent collection of the library to serve the mathematical researchers and readers.

So far, there are 234 books from 47 authors in the Special Collection of Fields Medalists of TSIMF library.



除了各种类型的会议室和图书馆可供开会和学习之外，还有中西餐厅、健身房、桌球室、洗衣房等设施，以及运动场、游泳池等户外活动的场所。

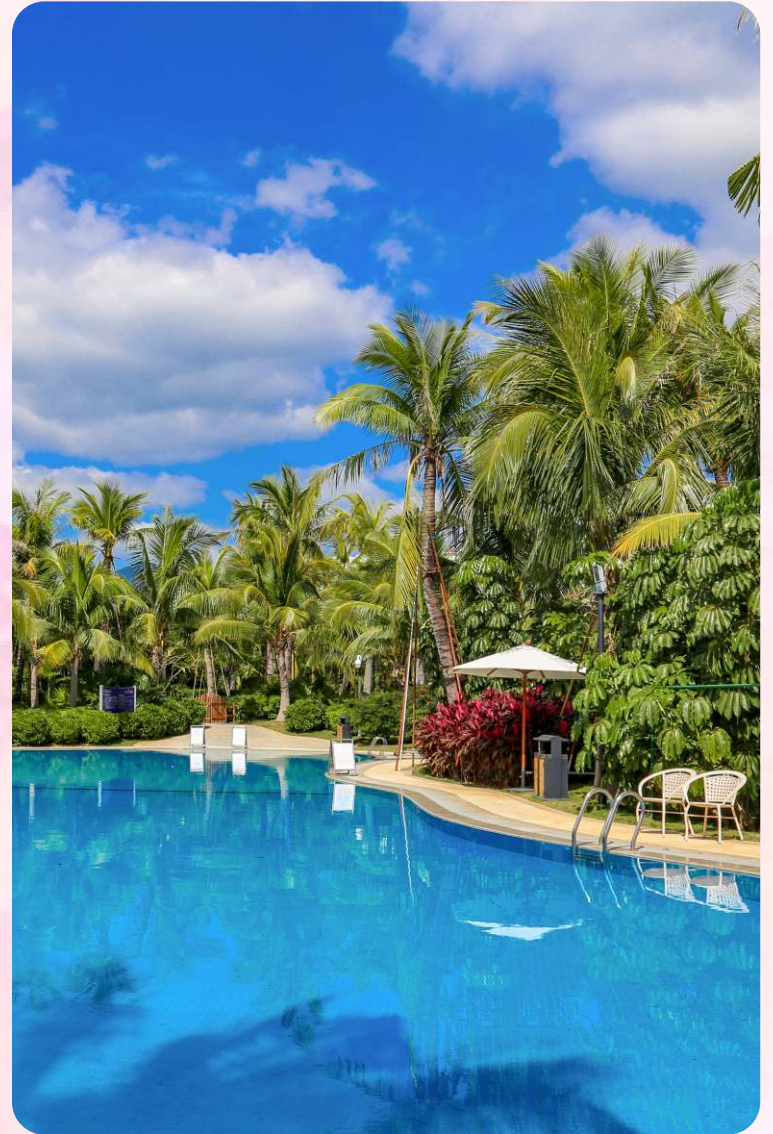
论坛拥有三种类型的住房可供选择，分别是酒店式客房标准间107间、大床房10间、家庭式公寓35套以及专家公寓2栋。

Every guest who attends a conference at TSIMF will have access to a wide array of amenities including Chinese and Western restaurants, workout gym, billiards, laundry, sports courts, a swimming pool, and other outdoor activities.

Guests that stay at our on-site accommodations have four types of room options to choose from:

- 1) Standard Rooms (107)
- 2) Queen Rooms (10)
- 3) Family-style apartments (35)
- 4) Expert apartments (2)



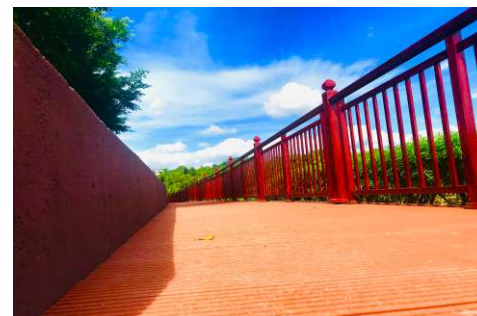


论坛风光 Beauty of TSIMF



身居论坛可以眺望蔚蓝的南海，可以俯瞰山下凤凰机场飞机起落的繁忙景象，还可以漫步宁静幽雅的园区，体验棕榈和椰树环绕的热带风情。

Living in TSIMF you can overlook the blue South China Sea and see many planes take-off and landing at Phoenix Airport. You can also take a stroll through the quiet and comfortable park and experience the tropical scenery surrounded by palm and coconut trees.





一年四季，论坛鲜花盛开，果实累累。

Throughout the year, flowers are blooming and fruits are growing in the park of TSIMF.

未来展望 Brilliant Prospects

2013年5月，清华大学校务会议批准成立“清华三亚国际论坛管理中心”，负责论坛建设、运行、管理和服务。

经过5年的不懈努力，目前论坛园区已经形成了具有热带风光特色的美丽的自然环境，国际会议的服务工作也获得了与会者的肯定。

未来管理中心的全体工作人员将秉持“信念·团结·奋斗”的理念，努力地把握好发展时机，把“清华三亚国际数学论坛”打造成为高水平的数学会议中心，向着创建国际一流的学术交流、科学创新基地和创新人才培养基地的目标而奋斗。



In May 2013, Tsinghua University approved the establishment of "Tsinghua Sanya International Forum Management Center" to be responsible for the construction, operation, management and service of TSIMF.

After five years of unremitting efforts, the Forum Park has formed a beautiful natural environment with tropical scenery. Our services have also been praised and affirmed by the participants of international conferences.

With all the success in the past, the staff of the management center will uphold the concept of "Faith, Unity, Striving", work hard to seize the opportunity for development, build TSIMF into a high-level mathematics conference center. In the future, we will strive for the goal of creating an internationally recognized first-class center for academic exchange, innovative talent training and scientific innovation.



喬木青葱
鳳凰花紅
鳳凰嶺上
壯氣誰同
天南切磋
振翅騰空
朝鳴九天
暮集梧桐
籌學四方
百代之雄

丘成桐



清华大学三亚国际论坛管理中心 | 三亚清华数学论坛管理中心
Tsinghua Sanya International Mathematics Forum



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