

Tsinghua Mathcamp 2014

Camp Program Schedules

Unless exceptions noted, all camp activities will take place in the Tsinghua Univ. Math. Sc. Building (清华大学理科楼数学科学系). For latest updates and announcements, go to

<http://web.mit.edu/hschan/www/TsinghuaMathcamp2014/TsinghuaMathcamp2014.html>

Week 0:

Jul 20 Sun 9:00-12:00

Campers registration on 1st floor¹

Jul 20 Sun 14:00-15:00

Welcome ceremony at Cheng Yu-tung Auditorium (郑裕彤讲堂)

Jul 20 Sun 15:00-16:00

Campers orientation Rm 404.

Week 1:

Jul 21-25 Mon-Fri

First week of regular lectures and tutorials

Jul 26-27 Sat-Sun

Visit to Great Wall Badaling Tsinghua Univ. Resort

Week 2:

Jul 28-Aug 1 Mon-Fri

Second week of regular lectures and tutorials

Jul 28 Mon

Campers sign up for research projects

Jul 30 Wed 15:00-16:00

Mathcamp Colloquium, Prof. Shing-Tung Yau (丘成桐)
Harvard Univ. & Tsinghua MSC

lecture (to be presented in Chinese) entitled
“3D is the Future of Technology (3D 是技术的未来)”
at the Tsinghua Main Building (主楼后厅)

Aug 1 Fri afternoon -

Aug 2 Sat evening

Visit to the Univ. of Academy of Sciences

Aug 3 Sun

Free activities

Week 3:

Aug 4-7 Mon-Thu

Third week of regular lectures and tutorials

Aug 5 Tue 15:00-16:00

Mathcamp Colloquium, Prof. Richard Stanley, MIT
lecture (to be presented in English) entitled

“*Magic Squares and Syzygies* (魔方与 Syzygies)”,
at the Cheng Yu-tung Auditorium (郑裕彤讲堂)

Aug 8 Fri

morning & afternoon

Research Project Reports and Presentations by Campers

Aug 8 Fri evening

Mathcamp adjourns

Weekday regular

lectures & tutorials in Rm 404:²

08:30 - 10:00

Linear algebra

10:15 - 11:45

Analysis/Topology

11:45 - 13:15

Lunch break

13:15 - 14:45

Number theory

14:45 - 15:15

Recess

15:15 - 17:45

Homework tutorials & research project discussions³

17:45 - 19:00

Dinner & free activities

¹ Campers to bring student and personal ID documentations.

² All classes and tutorials are expected to be conducted in English.

³ On days a Mathcamp colloquium or another special event is scheduled, this interval will be shortened accordingly to accommodate.