
2021 Shing Tung Yau Mathematics Awards

by Sen Hu *

2021 Shing Tung Yau College Mathematics Contests Awards

The 2021 Shing Tung Yau College Mathematics Contests oral exams were successfully completed in Beijing on May 30, 2021. On May 8 and 9, 2021 written exams were taken place. A group of selected students were chosen for oral exams based on the written exams scores. After two days of intensive oral exams totally 58 awardee of Loo Keng Hua medals (in Analysis), Shing Shen Chern medals (in Geometry and Topology), Weiliang Chow medals (in Algebra and Number Theory), Paolu Hsu medals (in Probability and Statistics), Chia Chiao Lin medals (in Applied Mathematics) and Shing Tung Yau medals (Individuals overall) were selected. The Shing Tung Yau College Mathematics Contests awards ceremony was taken place on May 30, 2021, at Beijing Wenjin Hotel. The following is the list of students who won the awards.

Loo Keng Hua Medals (Winners in Analysis)

Gold: Tianxia Feng (冯天夏, Tsinghua Univ.)

Silvers: Qiyuan Chen (陈起渊, Tsinghua), Honghao Jing (景虹皓, Peking Univ.), Guangyi Zou (邹广翼, USTC)

Bronzes: Yuefeng Song (宋岳峰, Tsinghua), Yuxuan Zhou (周宇轩, Tsinghua), Yaoping Xie (解尧平, Peking Univ.), Yulai Huang (黄虞来, Tsinghua), Wenhao Zhao (赵文浩, Peking Univ.), Yuxuan Chen (陈宇轩, Peking Univ.)

Honorable Mention: Junhui Qin (秦珺辉, Tsinghua), Shuoxing Zhou (周烁星, Fudan), Zherui (范哲睿, Peking

Univ.), Yixuan Pang (庞逸轩, Peking Univ.), Jianghao Zhang (张江昊, Peking Univ.), Lingyi Chen (陈凌毅, Tsinghua), Yuxiao Xie (谢雨潇, Tsinghua), Peihao Cai (蔡沛豪, Tsinghua), Weiqi Di (邸启威, Tsinghua), Zhangsong Li (李章颂, Peking Univ.), Ruiming Liang (梁睿明, Nanjing Univ.), Yibing Chen (陈铤冰, Peking Univ.), Hang Du (杜航, Peking Univ.), Ziqun Li (李梓群, Tsinghua), Yiming Tang (汤一鸣, Shandong Univ.), Haotian Xue (薛皓天, Tsinghua), Xiangqian Yang (杨向谦, Peking Univ.), Wenzhi Wu (武文治, Tianjin Univ.), Wei Wang (王尉, Zhejiang Univ.), Ximing Li (李希铭, Tsinghua), Shuliang Li (李书亮, USTC), Zikai Ye (叶子恺, USTC), Zeyu Wang (王泽宇, Peking Univ.), Chencheng Zhang (张陈成, USTC), Kaibo Zhang (张凯勃, Peking Univ.), Litong Deng (邓立桐, Tsinghua), Hanlin Qi (覃瀚林, Tsinghua), Yizhou Wang (王奕洲, Nanjing Univ.), Siqi Wu (吴思齐, Xi'an Jiaotong Univ.), Fang Hong (洪放, USTC), Zijie Geng (耿子介, USTC), Shengtong Liang (梁圣通, Peking Univ.), Zailin Ma (马再霖, Fudan), Zhitong Chen (陈之同, Tsinghua), Zhefan Duan (段哲凡, Tsinghua), Xingzhu Fang (方星竹, Peking Univ.), Longhuan Yan (阎龙焕, USTC), Weilong Zhao (赵伟龙, USTC), Jie Fu (付杰, USTC), Zeyu Jin (金则宇, Peking Univ.), Junyu Cao (曹君宇, Tsinghua), Shaoqing Chen (陈少卿, Nanjing Univ.), Shilong Zhao (赵世龙, Nankai Univ.), Wujie Shen (申武杰, Peking Univ.), Fulin Xu (许福临, Tsinghua), Zixiang Zhou (周子翔, Fudan), Dongjian Qian (钱东箭, Fudan), Zhengnan Chen (陈正男, Peking Univ.), Xuyang Lin (林徐扬, Zhejiang Univ.), Zhiyun Shen (沈智云, Tsinghua), Weiyuan Wu (吴蔚琰, Peking Univ.), Dayan Yan (严大燊, USTC), Shuai Zhang (张帅, Tsinghua), Yingfang Zhang (张滢方, Tsinghua), Dawei Wu (吴大维, Peking Univ.), Yixiao Li (李一笑, Peking Univ.), Runtian Wang (王润田, Tsinghua), Yiding Wang (王一鼎, Tsinghua)

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Shing Shen Chern Medals (Winners in Geometry and Topology)

Gold: Jianqiao Shang (尚鉴桥, Tsinghua)

Silvers: Yuxiao Xie (谢雨潇, Tsinghua), Qing Lan (蓝青, Tsinghua), Junyu Cao (曹君宇, Tsinghua)

Bronzes: Kehao Cheng (程柯豪, Shandong Univ.), Qiyuan Chen (陈起渊, Tsinghua), Yi Tian (田翊, Peking Univ.), Yuefeng Song (宋岳峰, Tsinghua), Zexuan Ouyang (欧阳泽轩, Peking Univ.), Junhui Qin (秦珺辉, Tsinghua)

Honorable Mention: Junzhi Huang (黄俊智, Peking Univ.), Hongkang Ni (倪弘康, Peking Univ.), Jiayu Ma (马嘉旭, Tsinghua), Yi Zhu (朱奕, Shandong Univ.), Peisheng Yu (于沛生, Xi'an Jiaotong Univ.), Hon 关联 Y 昂 (杨泓暎, Peking Univ.), Jiahuang Chen (陈家煌, Zhongshan Univ.), Tianxia Feng (冯天夏, Tsinghua), Fang Hong (洪放, USTC), Ming Wu (吴淦, Shanghai Univ. of Economics and Finance), Fulin Xu (许福临, Tsinghua), Longde Huang (黄隆德, Fudan), Wu-jie Shen (申武杰, Peking Univ.), Yuze Sun (孙毓泽, Nankai Univ.), Haixin Zhu (朱海鑫, USTC), Zhiyu Liu (刘治宇, Sichuan Univ.), Yu Shi (施彧, Tsinghua), Xin Hong (洪昕, Peking Univ.), Hanwen Quan (权瀚文, Tsinghua), Longyang Wang (王龙扬, Xi'an Jiaotong Univ.), Yueshi Hou (侯悦石, Peking Univ.), Zichen Gao (高子晨, Xi'an Jiaotong Univ.), Zhefan Duan (段哲凡, Tsinghua), Yunyang Xiao (肖云洋, Fudan), Yuanjiang Han (韩沅江, Shandong Univ.), Junhao Tian (田珺昊, USTC), Tianqi Zhang (张天启, Fudan), Zejun Zhou (周泽君, USTC), Zixiang Zhou (周子翔, Fudan), Yulai Huang (黄虞来, Tsinghua), Yaoping Xie (解尧平, Peking Univ.), Zeyu Wang (王泽宇, Peking Univ.)

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Wei Liang Chow Medals (Winners in Algebra and Number Theory)

Gold: Honghao Chen (陈鸿浩, Tsinghua)

Silvers: Zeyu Wang (王泽宇, Peking Univ.), Yixiao Li (李一笑, Peking Univ.), Junhui Qin (秦珺辉, Tsinghua)

Bronzes: Fulin Xu (许福临, Tsinghua), Tianxia Feng (冯天夏, Tsinghua), Zhefan Duan (段哲凡, Tsinghua), Ziqi Guo (郭子棋, Peking Univ.), She Yang (杨舍, Peking Univ.), Wenyue Wang (王文越, Tsinghua)

Honorable Mention: Yuxuan Zhou (周宇轩, Tsinghua), Xiang Yu (于翔, Tsinghua), Gaozheng Jia (贾锦铮, Peking Univ.), Qingyu Ren (任清宇, Tsinghua), Yi Tian (田翊, Peking Univ.), Yibing Chen (陈钺冰, Peking Univ.), Haotong Fu (傅浩桐, Peking Univ.), Fan Chen (陈凡, Peking Univ.), Jingyuan Zhu (朱敬渊, Tsinghua), Qiyuan Chen (陈起渊, Tsinghua), Ruoyi Guo (郭若一, Peking Univ.), Yixuan Fu (付艺渲, Tsinghua), Jiamao Wu (吴家茂, Fudan), Shengbo Zhou (周圣博, USTC), Xinpeng Jiang (姜昕澎, Peking Univ.), Jiachen Chen (陈嘉辰, Shandong Univ.), Ziyu Zhao (赵子瑜, Tsinghua), Yitao Chen (陈仡韬, Fudan), Zuo Lin (林左, Peking Univ.), Zhaohao Yu (宇占浩, Peking Univ.), Xintong Zhao (赵昕瞳, Peking Univ.), Pengcheng Ding (丁鹏程, Univ. of CAS), Guoquan Gao (高国荃, Peking Univ.), Yaoping Xie (解尧平, Peking Univ.), Yiyang Chang (常弋阳, Peking Univ.), Ruisong Zhou (周瑞松, Fudan),

Tian Zhou (周天, Peking Univ.), Xingzhu Fang (方星竹, Peking Univ.), Hanwen Quan (权瀚文, Tsinghua), Zheng Yang (杨铮, Peking Univ.), Bowen Chen (陈博文, Peking Univ.), Kaicheng Bao (包恺成, USTC), Xiangyu Pan (潘翔宇, Xi'an Jiaotong Univ.), Shiyuan Wan (万世源, East China Normal Univ.), Wenzhuo Wang (王文卓, Peking Univ.), Xiangqian Yang (杨向谦, Peking Univ.), Jiaming Zhou (周佳茗, Peking Univ.), Shuoxing Zhou (周烁星, Fudan), Hanyu Qin (秦涵宇, Nanjing Univ.), Yiming Tang (汤一鸣, Shandong Univ.), Ruiqi Chen (陈瑞琪, Tsinghua), Longtian Tang (唐龙天, Tsinghua), Anlun Li (李安伦, USTC), Jianyu Ren (任建宇, Tsinghua), Honglian Yang (杨泓霖, Peking Univ.), Fengyuan Lin (林逢源, Zhejiang Univ.), Baiting Xie (谢柏庭, Tsinghua), Minghao Bi (毕铭昊, USTC), Hang Du (杜航, Peking Univ.), Zhenyue Guan (关震岳, Peking Univ.), Zhikang Luo (罗智康, Peking Univ.), Yixiang Weng (翁逸翔, Zhejiang Univ.), Dingchang Zhou (周鼎昌, Peking Univ.), Jingxuan Geng (耿敬璇, Southeast Univ.), Zichao Lin (林子超, Hong Kong Chinese Univ.), Ruichen Qiu (丘瑞岑, Peking Univ.), Shuyang Xiao (肖澍吻, Tsinghua)

Chia Chiao Lin Medals (Winners in Applied and Computational Mathematics)

Gold: Dawei Wu (吴大维, Peking Univ.)

Silvers: Zeyu Jin (金泽宇, Peking Univ.), Qingyu Wu (吴清玉, Peking Univ.), Qi Zhou (周颀, Shanghai Jiaotong Univ.)

Bronzes: Yuyang Ye (叶雨阳, Fudan), Shengtong Liang (梁圣通, Peking Univ.), Yuehan Shao (邵约翰, Peking Univ.), Chenjian Fan (范辰健, Fudan), Yanzhi Gui (桂延智, Tsinghua), Yupeng Wang (汪宇蓬, Peking Univ.)

Honorable Mention: Zhoutong Wu (吴洲同, Fudan), Yixuan Hua (华奕轩, Peking Univ.), Deheng Yuan (袁得恒, Tsinghua), Minghui Ouyang (欧阳铭晖, Peking Univ.), Bin Yu (于斌, Tsinghua), Yuchen Wang (王昱琛, Tsinghua), Zhengcheng Wu (吴正诚, Peking Univ.), Kaibo Zhang (张凯勃, Peking Univ.), Chenyang Wang (王辰扬, Xi'an Jiaotong Univ.), Qing Feng (封清, Fudan Univ.), Zhanwang Deng (邓展望, Xiamen Univ.), Pengxiao Lin (林鹏潇, Shanghai Jiaotong Univ.), Hongkang Ni (倪弘康, Peking Univ.), Jinbo Wang (王锦波, USTC), Zailin Ma (马再霖, Fudan), Lianhai Ren (任连海, Zhejiang Univ.), Ruizhi Wang (王睿智, Nanjing Univ.)

Pao Lu Hsu Medals (Winners in Probability and Statistics)

Gold: Fan Chen (陈凡, Peking Univ.)

Silvers: Xiaodong Yang (杨笑东, USTC), Kaiyue Wen (温凯越, Peking Univ.), Zi-ang Song (宋子昂, Peking Univ.)

Bronzes: Jikai Jin (金及凯, Peking Univ.), Guangyi Zou (邹广翼, USTC), Hang Du (杜航, Peking Univ.), Tianyu Guo (郭天宇, Peking Univ.), Huaiyuan Ying (应怀原, Tsinghua), Fulin Xu (许福临, Tsinghua)

Honorable Mention: Yueqi Guo (郭悦祺, Nanjing Univ.), Wenjie Guan (管闻捷, Fudan), Hongyu Yu (余泓谕, Tsinghua), Wei Fan (范惟, USTC), Shengjing Xu (徐晟景, USTC), Lingyi Chen (陈凌毅, Tsinghua), Yuchen Xin (忻宇辰, Peking Univ.), Guoyu Zhang (张国宇, USTC), Ranfeng Yu (俞然枫, Peking Univ.), Yicheng Li (李易诚, Tsinghua), Zherui Fan (范哲睿, Peking Univ.), Yibing Chen (陈钰冰, Peking Univ.), Zhehang Du (杜哲航, USTC), Junhui He (何俊辉, Tsinghua), Yifeng Yu (俞译峰, Tsinghua), Ximing Li (李希铭, Tsinghua), Weiye Gan (甘伟烨, Tsinghua), Shengtong Liang (梁圣通, Peking Univ.), Wenjing Cao (曹文景, Fudan), Xingjian Hu (胡行健, Fudan), Shuaijie Jiao (焦帅杰, USTC), Kaihao Jing (荆楷豪, USTC), Shuliang Li (李书亮, USTC), Chi Luo (罗迟, USTC), Wujie Shen (申武杰, Peking Univ.), Wenyue Wang (王文越, Tsinghua), Zhinan Jiang (江志楠, Peking Univ.), Hongkang Ni (倪弘康, Peking Univ.), Jiarui Song (宋嘉瑞, Peking Univ.), Yuyang Feng (冯煜阳, Peking Univ.), Zhiheng Chen (陈志恒, Fudan), Runcao Lu (吕润草, USTC), Dongjian Qian (钱东箭, Fudan), Jingkun Qiu (丘竞昆, Xiamen Univ.), Wenhao Zhao (赵文浩, Peking Univ.)

Shing Tung Yau Medals (Individual Overall Winners)

Gold: Qiyuan Chen (陈起渊, Tsinghua)

Silvers: Tianxia Feng (冯天夏, Tsinghua), Yunhui Qin (秦珺辉, Tsinghua)

Bronzes: Jianqiao Shang (尚鉴桥, Tsinghua), Hang Du (杜航, Peking Univ.), Fuxlin Xu (许福临, Tsinghua), Yibing Chen (陈钰冰, Peking Univ.), Yuxiao Xie (谢雨潇, Tsinghua)

2021 Shing Tung Yau College Mathematics Contests Team Medals

Gold:

Tsinghua (清华大学): Tianxia Feng (冯天夏), Huaiyuan Ying (应怀原), Qing Lan (蓝青), Qiyuan Chen (陈起渊), Fulin Xu (许福临)

Silvers:

Peking Univ. (北京大学): Honghao Jing (景虹皓), Hang Du (杜航), Yi Tian (田翊), Ziqi Guo (郭子棋), Rui-cheng Ao (敖睿成)

Peking Univ. (北京大学): Yuxuan Chen (陈宇轩), Ranfeng Yu (俞然枫), Zexuan Ouyang (欧阳泽轩), Yixiao Li (李一笑), Yupeng Wang (汪宇蓬)

Bronzes:

USTC (中国科学技术大学): Guangyi Zou (邹广翼), Guoyu Zhang (张国宇), Hengyu Chen (陈恒宇), Shengbo Zhou (周圣博), Wenzheng Wu (吴汶政)

Tsinghua (清华大学): Haotian Xue (薛皓天), Yuekai Wen (温凯越), Yifan Wu (吴以凡), Qingyu Ren (任清宇), Yuqi Hu (胡煜骐)

Tsinghua (清华大学): Yuefeng Song (宋岳峰), Ruichong Zhang (张锐翀), Yuxiao Xie (谢雨潇), Zhefan Duan (段哲凡), Jianqiao Shang (尚鉴桥)

Honorable Mention:

Peking Univ. (北京大学): Shengtong Liang (梁圣通), Ruizhe Dai (代睿哲), Wuji Shen (申武杰), Ruoyi Guo (郭若一), Hongkang Ni (倪弘康)

Tsinghua Univ. (清华大学): Ximing Li (李希铭), Yulai Huang (黄虞来), Hanwen Quan (权瀚文), Yixuan Fu (付艺渲) Jin Liu (刘劲)

Peking Univ. (北京大学): Yuxiang Jiao (焦宇翔), Tingyu Zhu (朱婷宇), Honglian Yang (杨泓暎), Xiangqian Yang (杨向谦), Minghui Ouyang (欧阳铭晖)

Fudan (复旦大学): Dongjian Qian (钱东箭), Xingjian Hu (胡行健), Tianqi Zhang (张天启), Shuoxing Zhou (周烁星), Chenjian Fan (范辰健)

USTC (中国科学技术大学): Xiaodong Yang (杨笑东), Wei Fan (范惟), Fang Hong (洪放), Kaicheng Bao (包恺成), Zehao Chen (陈泽豪)