

2022 China Section of The Combustion Institute Report

Section Website: <http://www.combustion.org.cn/>

Section Chair: Naian Liu

Section officers and board members with titles:

- Officers
 - Section Chair:
 - Prof. Naian Liu, University of Science and Technology of China
 - Honorary Chair:
 - Prof. Qiang Yao, Xinjiang University
 - Prof. Chunde Yao, Tianjin University
 - Prof. Fei Qi, Shanghai Jiao Tong University
 - Vice Chairs:
 - Prof. Zheng Chen, Peking University
 - Prof. Rui Xiao, Southeast University
 - Prof. Shaozeng Sun, Harbin Institute of Technology
 - Prof. Hong Yao, Huazhong University of Science and Technology
 - Prof. Shuiqing Li, Tsinghua University
 - Prof. Tianyou Wang, Tianjin University
 - Prof. Zuohua Huang, Xi'an Jiao Tong University
 - Prof. Wei Fan, Northwestern Polytechnical University
 - Prof. Zhongyang Luo, Zhejiang University
 - Prof. Qinggang Lv, Institute of Engineering Thermophysics, Chinese Academy of Sciences
- Board Members
 - Prof. Lijun Yang, Beihang University
 - Prof. Xu He, Beijing Institute of Technology
 - Prof. Ming Jia, Dalian University of Technology
 - Prof. Qing Wang, Northeast Electric Power University
 - Prof. Mingbo Sun, National University of Defense Technology
 - Prof. Weixing Zhou, Harbin Institute of Technology
 - Dr. Pisi Lu, Harbin Boiler Company Limited
 - Prof. Yongsheng Zhang, North China Electric Power University
 - Prof. Haibo Zhao, Huazhong University of Science and Technology
 - Prof. Minghou Xu, Huazhong University of Science and Technology
 - Prof. Yongqiang Han, Jilin University
 - Prof. Hongzhou He, Jimei University
 - Prof. Zhixia He, Jiangsu University
 - Prof. Yun Wu, Air Force Engineering University
 - Prof. Xiaomin He, Nanjing University of Aeronautics and Astronautics
 - Prof. Zhi Wang, Tsinghua University
 - Prof. Bin Yang, Tsinghua University
 - Prof. Weiming Yi, Shandong University of Technology
 - Prof. Xingcai Lv, Shanghai Jiao Tong University
 - Prof. Yuyang Li, Shanghai Jiao Tong University
 - Prof. Rundong Li, Shenyang Aerospace University
 - Prof. Mingfa Yao, Tianjin University
 - Prof. Haiqiao Wei, Tianjin University
 - Prof. Zhijun Wu, Tongji University

- Prof. Kun Luo, Zhejiang University
- Prof. Jianhua Yan, Zhejiang University
- Prof. Hao Zhou, Zhejiang University
- Prof. Shoutang Shang, AECC Shenyang Aeroengine Research Institute
- Prof. Jie Ji, University of Science and Technology of China
- Prof. Longhua Hu, University of Science and Technology of China
- Prof. Zhenyu Tian, Institute of Engineering Thermophysics, Chinese Academy of Sciences
- Prof. Xiaohan Wang, Guangzhou Institute of Energy Conversion, Chinese Academy of Sciences
- Prof. Xiaolin Wei, Institute of Mechanics, Chinese Academy of Sciences
- Prof. Zhonghua Zheng, China Aerodynamics Research and Development Center
- Prof. Huaichun Zhou, China University of Mining and Technology
- Prof. Jingyu Ran, Chongqing University
- Prof. Mingyan Gu, Anhui University of Technology

Members of the section:

Active Members	492
Non-Student Members	431
Student Members	61

Has the section revised its by-laws since 2020?

- No

Section meetings and workshops since 2018:

- Section Meetings
 - November 13, 2020, Xiamen, China, all section officers and board members
 - January 15, 2021, Dalian, China, all section officers and board members (online)
- Workshops
 - The 21st Annual Conference of Liquid Atomization & Spray Systems-Asia (ILASS-Asia 2020). October 23-26, 2020, Zhenjiang China, 315 participants.
 - The 17th Yangtze River Delta Energy Forum. November 6-7, 2020, Hangzhou China, 150 participants.
 - 2020 China National Symposium on Combustion. November 12-15, 2020, Xiamen China, over 1700 participants.
 - Biomass Conversion Technology and Equipment Summit Forum. November 21, 2020, Nanjing China, 60 participants.
 - The Yangtze River Delta Seminar on High-Quality Energy Development. November 27-28, 2020, Rudong China, 150 participants.
 - The China-Japan-Korea Ph.D. Student Symposium on Energy Science. December 1, 2020, Online, 150 participants.
 - Sino-UK Workshop on Biomass Conversion and Utilization. December 9-11, 2020, Wuhan China (on-line), 600 participants.
 - International Symposium on Wave Energy Development and Utilization. December 14, 2020, Guangzhou China, 1600 participants.
 - The 3rd Youth Lecture Hall on New Energy and Renewable Energy. December 18, 2020, Guangzhou China, 200 participants.

- The 1st Annual Meeting of Internal Combustion Power Intelligent Technology, Chinese Society of Internal Combustion Engines. December 18, 2020, Tianjin China, 180 participants.
- The 2020 Summary Conference on Solar Energy Industry Development and the 2020 China (Guangdong) International Conference on PV Technology. December 18-19, 2020, Guangzhou China, 300 participants.
- The 11th National Fire Safety Materials Academic Conference. December 18-20, 2020, Hefei China, over 500 participants.
- The 5th Youth Academic Salon on "Earth-Ecology-Resources-Energy". December 23, 2020, Guangzhou China, 60 participants.
- The 2nd National Symposium on Thermal Safety Science and Technology. January 9-10, 2021, Hefei China, over 200 participants.
- Joint Meeting of the 7th Youth Academic Forum on Thermodynamics and Energy Utilization and Seminar on Efficient Thermodynamic Cycle and Comprehensive Energy Utilization. May 14-16, 2021, Tianjin China, 380 participants.
- The 6th National Young Scholar Meeting on Combustion Research. May 21-23, 2021, Hangzhou China, over 600 participants.
- The 3rd International Discussion Meeting on Chemistry and Technology for Combustion Application. June 5-6, 2021, Beijing China, 81 participants.
- Mid-term Meeting of the Development Project for Engineering Thermophysics Discipline. June 18-20, 2021, Shanghai China, 40 participants.
- International Summit Sub-Forum on Carbon Emission Reduction on Green Technology and Investment. June 22, 2021, Nanjing China, 50 participants.
- The 2nd International Conference on Energy and Environment. July 23-25, 2021, Xuzhou China, 500 participants.
- Lecture Room of Greater Bay Area. July 2021 - June 2022, Guangzhou China, 1000 participants.
- The 13th International Green Energy Conference (IGEC). July 15-18, 2021, Tianjin China, 410 participants.
- Symposium of Youth Innovation Promotion Association. September 2021 - June 2022, Guangzhou China, 500 participants.
- The 1st Sino-Russian Workshop on Low-Carbon/Low-Emission Combustion for Gas Turbine Applications. September 24-26, 2021, Shanghai China (online), 60 participants.
- The 11th Chinese Fluidization and Particle Technology Conference. October 17-19, 2021, Hangzhou China, 220 participants.
- 2021 Jiangsu Science and Technology Forum. October 20, 2021, Nanjing China, 500 participants.
- University-Industry Innovation and Development Forum on High-pressure Fuel Injection System and Atomization Technology. October 20-21, 2021, Zhenjiang China, 120 participants.
- 2021 International Frontier Forum on Heavy Metal Pollution Control and Resource Utilization Technology. October 29, 2021, Wuhan China (on-line), 100 participants.
- Joint Meeting of the 5th International Conference on Vehicular Control and Intelligence, and the 2nd Annual Meeting of Internal Combustion Power Intelligent Technology, Chinese Society of Internal Combustion Engines. October 29-31, 2021, Tianjin China, 200 participants.
- The 2nd Frontier Forum on Pedestrian Traffic and Emergency Evacuation Dynamics. October 30-31, 2021, Hefei China, over 80 participants.
- The 2nd International Symposium on Fire Safety of Lithium Batteries. October 31-November 3, 2021, Hefei China, over 300 participants.

- 2021 Jiangsu Science and Technology Forum-Yangtze River Delta Development Zone Carbon Neutrality Practice Forum. November 5, 2021, Wuxi China, 80 participants.
- Seminar on the Carbon Neutrality Routine of Coal Fired Power Station. November 15, 2021, Hangzhou China, 80 participants.
- The China-Japan-Korea Ph.D. Student Symposium on Energy Science. November 29, 2021, Online, 60 participants.
- International Academic Conference on Photovoltaic Science and Technology, Guangdong. December 10-11, 2021, Guangzhou China, 300 participants.
- The 18th Yangtze River Delta Energy Forum & Academician Salon. January 12, 2022, Shanghai China, 120 participants.
- 2021 China National Symposium on Combustion. January 14-16, 2022, Dalian China (on-line), 10,000 participants.
- Seminar on Forest Fire Prevention and Control Technology and Equipment Development. January 15, 2022, Hefei China, over 40 participants.
- Academic Conference on Thermochemical Utilization of Biomass and Organic Solid Waste and Forum of Young Scientists. March 26-27, 2022, Nanjing China, 400 participants.
- Video Seminar on Fire Basic Theory and Disruptive Frontier Technology. April 15, 2022, Hefei China, about 200 participants.
- Summit Forum of New Energy Helps "Carbon Peak and Carbon Neutrality". May 7, 2022, Nanjing China, 500 participants.
- The 7th National Young Scholar Meeting on Combustion Research. May 27-29, 2022, Xiamen China (on-line), over 900 participants.
- International University Conference on Carbon Neutrality. May 29, 2022, Nanjing China, 600 participants.

Other activities:

- Journal of Engineering Thermophysics
- Journal of Combustion Science and Technology
- Energy and AI
- Waste Disposal & Sustainable Energy
- Transactions of CSICE
- Small Internal Combustion Engine and Motorcycle
- Frontiers in Energy
- Carbon Neutrality
- Waste Disposal and Sustainable Energy
- The 11th International Summer School on Engines. August 15-September 5, 2020, Tianjin China, 2000 participants.
- 2020 Science and Technology Activity Week of State Key Laboratory of Coal Combustion. August 23-29, 2020, Wuhan China (on-line), 200 participants.
- 2020 Renewable Energy Academic Conference of China and Biomass Energy Special Committee Academic Annual Conference. September 19-22, 2020, Kunming China, 200 participants.
- 2021 Summer School on Energy. June 29, 2021, Harbin China, 300 Participants.
- 2021 Science and Technology Activity Week of State Key Laboratory of Coal Combustion. May 24-28, 2021, Wuhan China, 100 participants.
- 2021 Tsinghua-Princeton Summer School on Combustion. July 11-17, 2021, online, 400 participants.
- Experiencing China - Material and Energy Summer Camp of Sun Island. July 26-28, 2021, Harbin China, 30 Participants.

- The 12th International Summer School on Engines. August 5-11, 2021, Tianjin China, 3000 participants.
- The 2nd China-Belgium Innovation Dialogue. October 28-29, 2021, online, 100 participants.
- Competition on Energy Conservation and Low Carbon Research Innovation and Practice for Postgraduate Students of Jiangsu Province. December 4-5, 2021, Zhenjiang China, 160 participants.
- 2021 Annual Conference of China Refrigeration Society. March 9-11, 2022, Foshan China, 1400 participants.
- The 3rd Popular Science Competition. May 19, 2022, Guangzhou China, 100 participants.

Awards given by section:

- Prof. Weicheng Fan, the Outstanding Contribution Award of the Chinese Section, 2020.
- Prof. Guangxi Yue, the Outstanding Contribution Award of the Chinese Section, 2021.

Special achievements attained by section members:

- Prof. Naian Liu, elected as a Board of Directors of the Combustion Institute, 2020.
- Prof. Zheng Chen, elected as a Board of Directors of the Combustion Institute, 2020.
- Prof. Jie Ji, elected as a Fellow of the Combustion Institute, 2022.
- Prof. Min Xu, elected as a Fellow of the Combustion Institute, 2022.
- Prof. Fei Qi, awarded a Humboldt Research Award, 2021.
- Prof. Zheng Chen, elected as a Fellow of the Combustion Institute, 2021.
- Prof. Bin Yang, elected as a Fellow of the Combustion Institute, 2021.
- Prof. Naian Liu, Plenary Lecture of 38th International Symposium on Combustion, 2021.
- Prof. Haiping Yang, Distinguished Paper Award of 38th International Symposium on Combustion, 2021.
- Prof. Qiang Yao, Distinguished Paper Award of 38th International Symposium on Combustion, 2021.
- Prof. Ronggui Yang, won the 2020 Nukiyama Memorial Award, 2020.
- Dr. Xiaoyuan Zhang, awarded a Bernard Lewis Fellowship, 2020.

Does your Section plan to organize the international Combustion Institute Summer School (CI-SS)?

- Yes

If you selected "Yes" which year will it be carried out?

- N/A

Other information you may want to report:

- N/A