

2024 China Section of The Combustion Institute Report

Section Website: <http://www.combustion.org.cn/>; WeChat subscription number: gh\_08b3fb792f47

Section Chair: Naian Liu

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- Officers
  - Section Chair:
    - Prof. Naian Liu, University of Science and Technology of China
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  - Prof. Minghou Xu, Huazhong University of Science and Technology
  - Prof. Yongqiang Han, Jilin University
  - Prof. Hongzhou He, Jimei University
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  - Prof. Yuyang Li, Shanghai Jiao Tong University
  - Prof. Rundong Li, Shenyang Aerospace University

- Prof. Mingfa Yao, Qinghai Minzu University
- Prof. Haiqiao Wei, Shenyang Aerospace University
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- Prof. Jianhua Yan, Zhejiang University
- Prof. Hao Zhou, Zhejiang University
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- Prof. Jie Ji, University of Science and Technology of China
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- 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	375
Non-Student Members	338
Student Members	37

Has the section revised its by-laws since 2022?

- No

Section meetings and workshops since 2022:

- Section Meetings
  - 1. February 20, 2022, all section officers and board members (online)
  - 2. April 19, 2022, all section officers and board members (online)
  - 3. October 13, 2023, Hefei, China, all section officers and board members

Workshops and Symposia

- 1. The 7th Young Scholar Meeting on Combustion Research. May 27-29, 2022, Xiamen, China, 30,000 total online views during the symposium (online).
- 2. National Conference on Organic Solid Waste Treatment and Resource Utilization. August 8-10, 2022, Shenyang China, 620 participants.
- 3. 2022 International Conference on Sustainable Energy Development, 36th Sub-forum: Numerical Simulations and Experimental Studies of Turbulent Combustion of Ammonia. August 20, 2022. Zhenjiang, China, 70 participants (online).
- 4. 1st International Symposium on Hydrogen Safety Science and Engineering. August 21-23, 2022, Hefei, China, 200 participants.
- 5. Chinese Academy of Sciences Youth Innovation Promotion Association Chemistry and Materials Branch 2022 Academic Annual Meeting. August 21-24, 2022, Guangzhou, China, 300 participants.

- 6. Workshop on Efficient, Flexible and Intelligent Combustion & Unconventional Pollutants during Combustion. October 29, 2022, Wuhan, China, 43,000 participants (online & offline).
- 7. The 6th International Training Workshop of Waste to Energy. October 18-November 1, 2022, Hangzhou, China, 34.
- 8. The 2nd Academic Symposium on Solid Waste Recycling and Pollution Control: Circular Economy Innovative Development Summit Forum. November 18-20, 2022, Changsha, China, 300 participants.
- 9. The 19th Yangtze River Delta Energy Forum. December 3, 2022, Hefei, China, 1000 participants (Online).
- 10. China National Symposium on Combustion. December 9-11, 2022, Shanghai, China, 70,000 total online views during the symposium (online).
- 11. International Conference on Hydrogen Innovation and Development. June 10, 2023, Rugao, China, 200 participants.
- 12. The 2nd China Chemical Looping Conference. April 6-8, 2023, Yunnan China, 300 participants.
- 13. The 8th Young Scholar Meeting on Combustion Research. April 21-23, 2023, Guangzhou China, 550 participants.
- 14. The First International OpenFOAM Combustion Workshop. June 19-20, 2023, Chongqing, China, 168 participants.
- 15. The First DeCarbon International Conference. July 14-17, 2023, Chongqing, China, 650 participants
- 16. The 3rd Renewable Energy Hydrogen Production Forum. July 21-22, 2023, Suzhou, China, 300 participants.
- 17. 2022-2023 China-Japan High-level Expert Symposium on Coal Combustion and Low-carbon Utilization. July 28, 2023, Wuhan, China, 10,830 total online views during the symposium (online).
- 18. The 22nd Combustion and Heat and Mass Transfer Conference of Chinese Society of Aeronautics and Astronautics. August 23-25, 2023, Harbin, China, 120 participants.
- 19. China National Symposium on Combustion. October 12-15, 2023, Hefei, China, 1700 participants
- 20. The 8th International Conference on Biomass Energy and the 16th National Symposium on Biomass Energy for Graduate Students. October 19, 2023, Nanjing, China, 600 participants.
- 21. ICCU 7th International Conference on CO2 Emission Control and Utilization. October 27-29, 2023, Chengdu, China, 180 participants.
- 22. Council Meeting of Urban Rural Mining Alliance: the 5th Science and Technology Forum, November 2-3, 2023, Foshan, China, 150 participants.
- 23. 2023 China Fire Protection Association Fire Science Education Forum. November 16, 2023, Xiamen, China, 70 participants.
- 24. Academic Symposium on Sustainable Conversion of Organic Wastes. November 17-18, 2023, Hangzhou, China, 52 participants.
- 25. The 20th China Symposium on Analytical and Applied Pyrolysis. November 17-20, 2023, Hangzhou, China, 606 participants.
- 26. 3rd Seminar on Clean and low-carbon Thermal Power generation. November 22-24, 2023, Wuhan, China, 240 participants.
- 27. The 1st Conference on Aerospace Propulsion Combustion and Heat Transfer CSA. December 1-3, 2023, Zhuhai, China, 200 participants.

- 28. The 17th Academic Conference of Engineering Thermodynamics Society of Jiangsu Province. December 9-10, 2023, Zhenjiang, China, 150 participants
- 29. The 3rd National Academic Conference on Circular Economy and Pollution & Carbon Reduction: the New Energy Green Development Summit Forum. December 9-11, 2023, Changzhou, China, 300 participants.
- 30. The 20th Yangtze River Delta Energy Forum. December 15-16, 2023, Changzhou, China, 180 participants.
- 31. The 4th International Discussing Meeting on Chemistry and Technology of Combustion Application. December 15-18, 2023, Beijing, China, 91 participants.
- 32. 2023 Biomass Conversion Technology and Equipment /Solid Waste Energy Utilization Annual Meeting of Jiangsu Province, December 16-18,2023, Zhenjiang, China, 80 participants.
- 33. 1st International Symposium on Advances in Engines and Fuels toward Zero-carbon Emissions. February 25, 2024, Shenyang, China, 13,000 total online views during the symposium (online).

Other activities:

- 1. Journal of Engineering Thermophysics
- 2. Journal of Combustion Science and Technology
- 3. Energy and AI
- 4. Waste Disposal & Sustainable Energy
- 5. Transactions of CSICE
- 6. Small Internal Combustion Engine and Motorcycle
- 7. Frontiers in Energy
- 8. Carbon Neutrality
- 9. Waste Disposal and Sustainable Energy
- 10. Journal of Thermal Science (English version)
- 11. Journal of Engineering Thermophysics (Chinese version)
- 12. 《New Energy Technology》 The 1st meeting of the first editorial board. September 2, 2023, Nanjing, China, 30 participants.
- 13. 2022 Tsinghua-Princeton Summer School on Combustion, July 11-15, 2022, Beijing, China, 285 participants (online).
- 14. 2023 Tsinghua-Princeton Summer School on Combustion, July 10-14, 2023, Beijing, China, 239 participants (online).
- 15. 2023 Energy-saving and Low-carbon Research Innovation and Practice Competition for Graduate Students of Jiangsu Province, December 24, 2023, Zhenjiang, China, 150 participants.
- 16. The 13th International Summer School on Internal Combustion Engines, August 1-8, 2022, Tianjin, China, 12,000 participants (online).
- 17. The 14th International Summer School on Advanced Internal Combustion Engines, August 7-11, 2023, Tianjin, China, 200 participants.
- 18. The 1st National Fire Science Communication Expert Forum Series. November 10, 2022, Hefei, China, 5,000,000 online views (online).
- 19. The 2nd National Fire Science Communication Expert Forum Series. November 27, 2022, Hefei, China, 5,000,000 online views (online).

- 20. The Scientific and Technological Training Course "Design and Evaluation Methods of Fire Safety Engineering Materials" for Developing Countries in "the Belt and Road", December 3-16, 2023, Hefei, China, 34 participants.
- 21. 2022 National Excellent College Students Academic Summer Camp, July 8-10, 2022, Wuhan, China, 136 participants.
- 22. 2022 National High School Summer Camp, July 16, 2022, Wuhan, China, 80 participants.
- 23. 2023 Energy - China Europe Graduate Badminton Mixed Team Competition, June 16, 2023, Wuhan, China, 107 participants.
- 24. 2023 National Excellent College Students Academic Summer Camp, July 1, 2023, Wuhan, China, 30 participants.
- 25. 2023 National High School Summer Camp, July 21, 2023, Wuhan, China, 64 participants.

Awards given by section:

- 1. Prof. Chuguang Zheng, the Outstanding Contribution Award of the Chinese Section, 2022.
- 2. Prof. Detao Li, the Outstanding Contribution Award of the Chinese Section, 2023.

Special achievements attained by section members:

- 1. Prof. Naian Liu, elected as Chair of International Association for Fire Safety Science (IAFSS), 2023
- 2. Prof. Haiping Yang, elected as a Board of Directors of the Combustion Institute, 2022.
- 3. Prof. Jinhua Sun, elected as a Fellow of the Combustion Institute, 2023.
- 4. Prof. Haibo Zhao, elected as a Fellow of the Combustion Institute, 2023.
- 5. Prof. Yuyang Li, elected as a Fellow of the Combustion Institute, 2023.
- 6. Prof. Xingcai Lu, elected as a Fellow of the Combustion Institute, 2024.
- 7. Prof. Zhenyu Tian, elected as a Fellow of the Combustion Institute, 2024.
- 8. Prof. Chuguang Zheng, Outstanding Achievement Award, Chinese Society of Engineering Thermophysics, 2023.
- 9. Prof. Chuguang Zheng, Outstanding Contribution to the International Symposium on Coal Combustion, 2023.
- 10. Dr. Yong Tang, awarded a Bernard Lewis Fellowship, 2022.
- 11. Dr. Hao Zhao, awarded a Bernard Lewis Fellowship, 2022.
- 12. Prof. Zheng Chen, Distinguished Paper Award of 39th International Symposium on Combustion, 2023.

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