

2020 Chinese Section of The Combustion Institute Report

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

Section Chair: Prof. Naian Liu

Section officers and board members with titles:

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. Daiqing Zhao, Chinese Academy of Sciences

Prof. Minghou Xu, Huazhong University of Science and Technology

Prof. Zuohua Huang, Xi'an Jiao Tong University

Prof. Zhen Huang, Shanghai Jiao Tong University

Prof. Zhongyang Luo, Zhejiang University

Prof. Mingfa Yao, Tianjin University

Prof. Qinggang Lv, Chinese Academy of Sciences

24 Board Members

Members of the Chinese Section:

Active Members 1155

Non-Student Members 860

Student Members 295

Section meetings and workshops since 2018:

- September 14, 2018, Harbin, China, all section officers and board members
- October 25, 2019, Tianjin, China, all section officers and board members
- International Summit on Internal Combustion Engines and Fuels. August 21-23, 2018, Tianjin China, 230 participants.
- The 1st China National Symposium on Thermal Safety Science and Technology. August 23-24, 2018, Hefei, China, 300 participants
- The 9th International Workshop on Detonation for Propulsion. September 8-13, 2018, Xi'an, China, 100 participants.
- 2018 China National Symposium on Combustion. September 13-16, 2018, Harbin, China, 1500 participants.
- China-US Energy Research Center-2018 ACTC Joint Meeting. October 11-12, 2018, Taiyuan China, 112 participants.
- The 23rd International Symposium on Alcohol Fuels. November 2-4, 2018, Hangzhou, China, 110 participants.
- The 12th National Conference on Explosion Mechanics. November 2-5, 2018, Tongxiang, China, 1300 participants.

- Young Scholar Workshop on Fluid Mechanics. December 6-9, 2018, Wuhan China, 45 participants.
- China's Sustainable Aviation Energy, Energy Conservation, and Emission Reduction Forum. December 17-18, 2018, Beijing, China, 120 participants.
- Combustion and PM/PN Control Workshop. January 13, 2019, Shanghai, China, 70 participants.
- The 5th National Young Scholar Meeting on Combustion Research. April 12-14, 2019 Beijing, China, 460 participants.
- The 6th Youth Academic Forum on Thermodynamics and Energy Utilization. April 12-14, 2019, Hangzhou, China, 350 participants.
- The 6th Workshop on Detonation and New Propulsion. April 17-20, 2019, Wuyuan, China, 200 participants.
- The 23rd Seminar on SO₂, NO_x and Particle Matter Control Technology. April 18-19, 2019, Tangshan, China, 200 participants.
- Workshop on Formation Mechanism and Treatment of Fly Ash from Fuel Incineration. April 10-12, 2019, Wuhan China, 51 participants.
- 2019 International Conference on Fuel Supply System and Atomization & Spray Technologies for I.C. Engine. May 11-12, 2019, Beijing, China, 150 participants.
- The 5th Youth Salon for CCUS technology. May 16, 2019, Hangzhou, China, 80 participants.
- The 7th International Conference on Air Benefit and Cost and Attainment Assessment. May 19-22, 2019, Hangzhou, China, 220 participants.
- Workshop for Solar-Thermal Power Generation Technology and Industrialization. June 11, 2019, Hangzhou, China, 80 participants.
- The 1st International Symposium on Lithium Battery Fire Safety. July 18-20, 2019, Hefei, China, 300 participants
- The 27th International Dynamics of Explosions and Reactive Systems. July 28- August 2, 2019, Beijing China, 800 participants.
- The 2nd International Workshop on Near-Limit Flames. July 27-28, 2019, Beijing, China, about 120 participants
- The 27th International Colloquium on the Dynamics of Explosions and Reactive Systems. July 28 - August 2, 2019, Beijing, China, about 454 participants
- Annual Academic Conference of Combustion, Energy Saving and Purification Branch of CSICE. August 15-18, 2019, Changchun China, 300 participants.
- Seminar on Computational Imaging and Power System Combustion Diagnostics. August 22, 2019, Shanghai, China, 43 participants.
- The 1st International Conference on Energy and Environment. September 19-22, 2019, Nanjing, China, 560 participants.
- 2019 International Conference on Power Engineering. October 21-25, 2019, Kunming, China, 300 participants.
- 2019 International forum on the Frontier of Safety Engineering Materials and Technology, October 22-24, Hefei, China, 100 participants.
- 2019 China National Symposium on Combustion. October 24-27, 2019, Tianjin, China, 1500 participants.
- The 5th New Energy International Conference between Jiangsu and Europe. November 9-11, 2019, Nanjing China, 120 participants.
- Workshop on Chemical-Looping Combustion. November 12, 2019, Wuhan, China, 59 participants.

- 2019 International Conference on Solid Waste. November 13-16, 2019, Hangzhou, China, 278 participants.
- Asia-Pacific Forum on Municipal Solid Waste to Energy and City Sustainable Development. November 13-16, 2019, Hangzhou, China, 110 participants.
- The 9th Symposium on Control and Risk Assessment of Heavy Metal Pollution. November 14, 2019, Wuhan, China, 206 participants.
- The 20th Seminar on Combustion, Heat and Mass Transfer and the 12th Workshop on Small Engines. Deqing, China, November 20-23, 2019, 260 participants.
- The 16th Yangtze River Delta Energy Forum, November 29-30, 2019, Nanjing China, 130 participants.
- The 12th International Advanced Engine Control Symposium AECS 2019. November 30-December 1, 2019, Tianjin, China, 240 participants.
- National Conference on Teaching and Development of Combustion Courses. November 30-December 1, 2019, Shanghai, China, 100 participants.
- The 7th Sino-Australian Symposium on Advanced Coal and Biomass Utilisation Technologies. December 3-6, 2019, Wuhan, China, 128 participants.
- The 1st National Conference on Chemical-Looping Combustion. December 3-6, 2019, Guangzhou, China, 237 participants
- The 10th Renewable Energy Workshop between China and Thailand. December 6-9, 2019, Nanjing, China, 150 participants.
- The 8th International Seminar on Future Vehicle Power. December 6-8, 2019, Shanghai, China, 100 participants.
- 2020 Tunnel Safety Technology Summit. January 3, 2020, Kunming, China, 200 participants.

Other activities:

- Journal of Engineering Thermophysics
- Journal of Combustion Science and Technology
- New Journal: Energy and AI
- New Journal: Waste Disposal & Sustainable Energy
- Summer School on Energy and Combustion. July 3-6, 2018, Wuhan China, 78 participants.
- 2018 Tianjin University Summer School on Combustion. July 16-22, 2018 Tianjin, China, 120 participants.
- 2018 Tsinghua-Princeton-CI Summer School on Combustion. July 16-21, 2018, Beijing, China, 372 participants.
- 2018 International Education School for Municipal Solid Waste Incineration and Power Generation. October 22-November 3, 2018, Hangzhou, China, 40 participants.
- Seminar for Graduate Students: Principles of Energy Conversion. Lecturer: Prof. Katharina Kohse-Höinghaus. March 2-3, 2019, Shanghai, China, 50 participants.
- Women in Combustion Coaching Course. Lecturer: Prof. Katharina Kohse-Höinghaus. May 11-12, 2019, Shanghai, China, 30 participants.
- Summer School on Energy and Combustion, July 2-5, 2019, Wuhan China, 104 participants.
- 2019 International Education School for Municipal Solid Waste Incineration and Power Generation, November 4-20, 2019, Hangzhou, China, 40 participants.
- 2019 Tsinghua-Princeton-CI Summer School on Combustion. July 14-20, 2019, Beijing, China, 390 participants.

- 2019 Tianjin University Summer School on Combustion. July 15-21, 2019 Tianjin, China, 130 participants.
- Hanhai Cloud Lecture Series, April 23, 2020, Hefei, China
- Contest of Popular Science Works, China National Symposium on Combustion. September 13-16, 2018, Harbin, China, 130 participants.
- Contest of Popular Science Works, China National Symposium on Combustion. October 24-27, 2019, Tianjin, China, 130 participants.

Awards:

- Prof. Jinyuan Xu, the Outstanding Contribution Award of the Chinese Section, 2018.
- Prof. Wanhua Su, the Outstanding Contribution Award of the Chinese Section, 2019.

Special Achievements:

- Prof. Zhen Huang, elected as a Member of the Chinese Academy of Engineering, 2019.
- Prof. Zuohua Huang, elected as a Board of Directors of the Combustion Institute, 2018.
- Prof. Fei Qi, elected as a Fellow of the Combustion Institute, 2018
- Prof. Minghou Xu, elected as a Fellow of the Combustion Institute, 2018
- Prof. Zuohua Huang, elected as a Fellow of the Combustion Institute, 2018.
- Prof. Naian Liu, elected as a Fellow of the Combustion Institute, 2018
- Prof. Qiang Yao, elected as a Fellow of the Combustion Institute, 2019.
- Prof. Zhen Huang, elected as a Fellow of the Combustion Institute, 2019.
- Prof. Mingfa Yao, elected as a Fellow of the Combustion Institute, 2020.
- Prof. Shuiqing Li, elected as a Fellow of the Combustion Institute, 2020.
- Prof. Hong Yao, elected as a Fellow of the Combustion Institute, 2020.
- Prof. Longhua Hu, elected as a Fellow of the Combustion Institute, 2020.
- Prof. Guang Feng, elected as a Fellow of the Royal Society of Chemistry, 2019
- Prof. Qingsong Wang, elected as a Fellow of the Royal Society of Chemistry, 2020
- Prof. Zheng Chen, Hiroshi Tsuju Early Career Researcher Award, 2020.
- Prof. Bin Yang, Research Excellence Award, 2020.
- Prof. Yuyang Li, Research Excellence Award, 2020.
- Prof. Zhandong Wang, Research Excellence Award, 2020.
- Prof. Haibo Zhao, Distinguished Paper Award of 37th International Symposium on Combustion, 2019.
- Prof. Naian Liu, Distinguished Paper Award of 37th International Symposium on Combustion, 2019.