



The Combustion Institute

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2018 China Section of The Combustion Institute Report

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

Section Chair: Qi Fei

List section officers and board members with titles:

Section Chair:

Prof. Fei Qi, Shanghai Jiao Tong University

Honorary Chair:

Prof. Qiang Yao, Tsinghua University

Prof. Chunde Yao, Tianjin 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

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Prof. Zhongyang Luo, Zhejiang University

Prof. Mingfa Yao, Tianjin University

Prof. Qinggang Lv, Chinese Academy of Sciences

Prof. Naian Liu, University of Science and Technology of China

Board Members:

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Prof. Weiliang Cheng, North China Electric Power University

Prof. Shijin Shuai, Tsinghua University

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Prof. Shaozeng Sun, Harbin Institute of Technology

Prof. Kun Luo, Zhejiang University

Prof. Heping Zhang, University of Science and Technology of China

Prof. Hong Yao, Huazhong University of Science and Technology

Prof. Huaichun Zhou, North China Electric Power University

Prof. Quanguo Zhang, Henan Agricultural University

Members of the China Section:

Active Members	3100
Non-Student Members	1220
Student Members	1880

Section meetings and workshops since 2016 with date and attendance information:

1. The 1st International Workshop on Computational Particle Technology and Multiphase Processes. March 15-16, 2016, Suzhou China, 100 participants.
2. Workshop on kinetics methods of nonequilibrium transport. June, 2016, Wuhan China, 75 participants.
3. The 11th International Symposium on Hazards, Prevention, and Mitigation of Industrial Explosions. July 24-29, 2016, Dalian China, 200 participants.
4. Workshop on energy saving and environmental protection technology for coal-fired power generation boilers. August 2016, Wuhan China, 100 participants.
5. 2016 Combustion, Saving energy, Emission control Conference of CSICE. August 29-31, 2016, 200+ participants.
6. The 11th China-Korea Clean Energy Workshop. September 20-23, 2016, Nanjing China, 200 participants.
7. 2016 International Seminar on Turbocharging. September 22-23, 2016, Beijing China, 70 participants.
8. The 6th Workshop on Future Engines for Automobiles. September 23-25, 2016, Wuxi, China, 50 participants.
9. The 4th International Conference on Chemical Looping. September 26-28, 2016, Nanjing China, 190 participants.
10. The 8th International Conference on Applied Energy. October 8-11, 2016, Beijing China, 830 participants.
11. The 5th International Conference on Biomass Energy & Exhibition. Oct. 16-19, 2016, Beijing China, 410, participants.
12. The 2016 China National Symposium on Combustion. October 21-23, 2016, Maanshan China, 1200 participants.
13. The 1st China, Japan and Australia Granular and Nanotechnology Forum. November 10-11, 2016, Suzhou China, 150 participants.
14. 2016 Advanced Engine Control Symposium. November 12-13, 2016, Tianjin China, 150 participants.
15. 2017 National Seminar on Vehicular Powertrain System and Control. January 12-13, 2017, Beijing China, 70 participants.
16. 2016 Annual Meeting for NSFC Project "The Fundamental Research on Turbulent Combustion for Engines". February 24-26, 2017, Chengdu China, 160 participants.
17. The 3rd National Young Scholar Meeting on Combustion. April 14-17, 2017, Xi'an China, 320 participant.
18. International Symposium on Combustion-induced Aerosols. March 2017, Wuhan China, 132 participants.
19. China-Brazil Workshop on Biomass Utilization and Diagnosis. May 2017, Wuhan China, 80 participants.
20. Aero-engine Technical Workshop for NSFC Project "The Fundamental Research on Turbulent Combustion for engines". May 21-23, 2017, Chengdu China, 100 participants.
21. Symposium on waste heat recovery and energy saving technologies. June 2017, Wuhan China, 165 participants.
22. Workshop on Turbulent Combustion. July 14-15, 2017, Beijing China, 60 participants.
23. 2017 Combustion, Saving energy, Emission control Conference of CSICE (Chinese Society for Internal Combustion Engines). August 19-23, 2017, 500+ participants.
24. International Workshop on Fuel and Engine Interactions. August 22-24, 2017, Wuzhen China, 60 participants.
25. The 2017 China National Symposium on Combustion. October 13-15, 2017, Nanjing China, 1300 participants.
26. The 4th International "Clean Fuels for Future High Efficiency Engines" Symposium. October 19, 2017, Beijing China, 200 participants.

27. 2017 Advanced Engine Control Symposium. October 21-22, 2017, Tianjin China, 310 participants.
28. 2017 International Forum on the Frontier of Fire Safety Materials. October 25-27, 2017, Hefei China, 120 participants.
29. The 8th International Conference on Performance-based Fire and Fire Protection Engineering. October 27-29, 2017, Nanjing China, 220 participants.
30. The 6th Sino-Australian Symposium on Advanced Coal and Biomass Utilisation Technologies. December 4-8, 2017, Perth Australia, 119 participants.
31. The 7th Workshop on Future Engines for Automobiles. December 8-10, 2017, Shanghai China, 50 participants.
32. The 3rd Jiangsu-Europe International Conference on New Energy. December 8-10, Nanjing China, 180 participants.
33. 2017 Annual Meeting for NSFC Project "The Fundamental Research on Turbulent Combustion for Engines". January 23-25, 2018, Chengdu China, 200 participants.
34. Workshop on Clean Combustion Chemistry. February 28, 2018, Beijing, China, 50 participants.
35. The 4th National Young Scholar Meeting on Combustion. March 30-April 1, 2018, Wuhan China, 550 participant.
36. International Young Scholars Forum on Energy and Environment. June 9, 2018, Nanjing China, 67 participants.
37. CO₂ Utilization Roundtable. June 14, 2018, Hangzhou China, 32 participants.
38. The 6th International Conference on CO₂ Emission Control and Utilization. June 15-17, 2018, Hangzhou China, 190 participant.

List other activities (e.g. section journals, projects, working groups, school for students, etc.)

1. Journal of Engineering Thermophysics
2. Journal of Combustion Science and Technology

2016 Tsinghua-Princeton Summer School on Combustion. July 19-25, 2016 Beijing, China, 400 participants.

2016 Summer School in Internal Combustion Engines. July 23-29, 2016, 300 participants.

2017 Summer School in Internal Combustion Engines. July 11-19, 2017, 200+ participants.

2017 Tsinghua-Princeton Summer School on Combustion. July 16-22, 2017 Beijing, China, 400 participants.

List awards given by section with details:

1. Prof. Tongmo Xu, the Outstanding Contribution Award of the China Section, 2016.
2. Prof. Yiqian Xu, the Outstanding Contribution Award of the China Section, 2017.
3. Prof. Zhen Chen, Wu Zhonghua Award for Outstanding Research in Combustion, 2017.