

2020 Korean Section of The Combustion Institute Report

Section Website: <https://kosco.or.kr>

Section Chair: Jeong Park

Section officers and board members with titles:

Jeong Park, President
Sang Soon Hwang, Ethics Chairman
Kiyong Lee, Inspection Commissioner
Hyun Seok Yoo, Inspection Commissioner
Ohchae Kwon, Vice President of Industry Cooperation
Jaeick Yeo, Vice President of Edition and International Affairs
Chae Hun Sohn, Vice President of General and Academic Affairs
Young Hun Song, Vice President of National Institute Cooperation
Industry Vice Presidents
 Yangmi Choi
 Yongchang Chang
 Kwansik Ahn
 Simkyun Yook
 Jaeyeon Park
 Seki Oh
Direction of General Affairs, 10 Board members
Industry Cooperation, 20 Board members
Business Directors, 14 Board members
Editorial Directors, 10 Board members
Advisors, 3 Board members

Members of the Korean Section:

Active Members	792
Non-Student Members	535
Student Members	257

Section meetings and workshops since 2018:

Meeting of the Board of Directors

Year	Meeting of the Board of Directors	Date	Place	Attendee
2018	First Meeting	Feb. 21, 2018	Jinjinbara	Keeman Lee, Kiyong Lee, Jeong Park, Byeongjun Lee, Younghun Song, Jaeyeon Park, Chaehun Sohn, Seonho Park, Bokjik Lee, Eundo Lee, Seungro Lee, Donghun Shin, Jaeyook Ryu, Changkook Ryu, Gwanggoo Lee, ChangyeopLee, Jeongyeoul Choi, Seongmin Kim, Younghun Song, Daesik Kim, Jongho Eom, In Yoo, Inkwon Lim, Seunghun Han, Ohchae Kwon, Namil Kim, Minkuk Kim, Kyubok Ahn, Won Yang, Daegeun Lee
2018	1 st meeting of Editorial Boards	Feb. 21, 2018	Tom & Toms	Ohchae Kwon, Namil Kim, Minkuk Kim, Kyubok Ahn, Won Yang
2018	2 nd meeting	May 10, 2018	Honamgak	Keeman Lee, Kiyong Lee, YoungHun Song, Jaeyeon Park, Caehun Sohn, Seonho Park, Bokgik Lee, Sangmin Lee, Seungro Lee, Donghun Shin, Jaewook Ryu, Changkook Ryu, Jaeik Yeo, Chunsang Yoo, Gwanggu Lee, Changyeop Lee, Sungman Choi, Jeongyeoul Choi, Jungsung Lee, Youngjoo Kim, Jihyoeng Yoo, Yongjin Ju, Won Yang, Daegeun Lee
2018	2 nd meeting of Editorial Boards	May 11, 2018	Jeongdamwon	Jeong Park, Ohchae Kwon, Namil Kim, Hyungrok Do, Sungwook Park, Won Yang, Munsoo Park, Jaeyeon Park, Seonho Park
2018	4 th meeting	Nov. 22, 2018	Hotel Buyoung	Keeman Lee, Kiyong Lee, YoungHun Song, Jaeyeon Park, Caehun Sohn, Seonho Park, Bokgik Lee, Sangmin Lee, Seungro Lee, Donghun Shin, Jaewook Ryu, Changkook Ryu, Jaeik Yeo, Chunsang Yoo, Gwanggu Lee, Changyeop Lee, Sungman Choi, Jeongyeoul Choi, Jungsung Lee, Youngjoo Kim, Jihyoeng Yoo, Yongjin Ju, Won Yang, Daegeun Lee

2018	4 th meeting of Editorial Boards	Nov. 23, 2018	Hotel Buyoung	Ohchae Kwon, Namil Kim, Minkuk Kim, Hongjip Kim, Jeong Park, Won Yang, Daegeun Lee
2019	1 st meeting	Feb. 22, 2019	Haechosum	Keeman Lee, Kiyong Lee, Jeong Park, Byeongjun Lee, Younghun Song, Jaeyeon Park, Chaehun Sohn, Seonho Park, Bokjik Lee, Eundo Lee, Seungro Lee, Donghun Shin, Jaeyook Ryu, Changkook Ryu, Gwanggoo Lee, ChangyeopLee, Jeongyeoul Choi, Seongmin Kim, Younghun Song, Daesik Kim, Jongho Eom, In Yoo, Inkwon Lim, Seunghun Han, Ohchae Kwon, Namil Kim, Minkuk Kim, Kyubok Ahn, Won Yang, Daegeun Lee
2019	1 st meeting of Editorial Boards	Feb. 22, 2019	Seoul Square	Ohchae Kwon, Namil Kim, Hyungrok Do, Kyubok Ahn
2019	2 nd meeting	May 16, 2019	Ssolbeach	Ohchae Kwon, Namil Kim, Minkuk Kim, Hongjip Kim, Hyungrok Do, Munsoo Park, Sungwook Park, Suhan Park, Jeong Park, Yonggyu Lee
2019	2 nd meeting of Editorial Boards	May 17, 2019	Ssolbeach	Ohchae Kwon, Namil Kim, Minkuk Kim, Hongjip Kim, Jeong Park, Won Yang, Daegeun Lee
2019	3 rd meeting	Aug. 23, 2019	Haechosum	Keeman Lee, Kiyong Lee, Jeong Park, Byeongjun Lee, Younghun Song, Jaeyeon Park, Chaehun Sohn, Seonho Park, Bokjik Lee, Eundo Lee, Seungro Lee, Donghun Shin, Jaeyook Ryu, Changkook Ryu, Gwanggoo Lee, ChangyeopLee, Jeongyeoul Choi, Seongmin Kim, Younghun Song, Daesik
2019	3 rd meeting of Editorial Boards	Aug. 23, 2019	Haechosum	Ohcahe Kwon, Namil Kim, Sungwook Park, Jeong Park, Won Yang
2019	4 th meeting	Nov. 14, 2019	KAL Hotel	

2019년	4 th meeting of Editorial Boards	Nov. 15, 2019	KAL Hotel	Ohchae Kwom, Jeong Park, Namil Kim, Won Yang, Donghyuk Shin
2020	1 st meeting	March 17, 2020	Online meeting	Jeong Park, Ohchae Kwon, Chaehun Sohn, Younghun Song, Jaeik Yeo, Namil Kim, Chunsang Yoo, Changyeop Lee, Changkuk Ryu
2020	2 nd meeting	June 26, 2020	Haechosum	Jeong Park, Ohchae Kwon, Chaehun Sohn, Jaeik Yeo, Chunsang Yoo, Changyeop Lee, Changkuk Ryu

Year	Symposium	Place	Date	Attendee
2016	53th	Lotte City Hotel, Jeju	2016.11.24 ~ 11.25	245
2017	54th	Rakai Sand Pine, Gangneung	2018.05.18 ~ 05.19	232
2017	55th	The Ocean Resort,, Yeosu	2018.11.09 ~ 11.10	187
2018	56th	Jeonbuk National University	2018.05.10 ~ 05.11	259
2018	57th	Buyoung Hotel, Jeju	2018.11.22 ~ 11.24	228
2019	58th	Daemyoung Ssobeach, Samcheok	2019.05.16 ~ 05.18	230
2019	59th	KAL Hotel, Jeju	2019.11.14 ~ 11.16	280
2020	60th	cancel	cancel	cancel
2020	61th	undetermined	2020.09.24 ~ 09.25	-

Other Activities:

Year	Program	Subject	Lecturer	Place	Date	Attendee
2018	Education Program for Graduate Student	Modeling for Flame Stabilization and Pollutant Formation in Turbulent Gaseous and Spray Flames Mixing and Combustion in supercritical turbulent flow; Ram Accelerator and Scramjet Engine	Prof. Yongmo Kim (Hanyang University) Prof. Inseok Chung (Seoul National University)	Jeonbuk National University	2018.05.09~05.10	20
2018	Education Program for Industrial Members	Fundamentals of thermodynamics and combustion; Application to Industry	Dr. Won Yang (KITECH) Dr. Daegeun Lee (KIER)	Jeonbuk National University	2018.05.09~05.10	27
2018년	1 st KAUST-KOSCO Exchange Program	Flames and Experiments	Prof. Minsuk Cha, KAUST	Seoul National University	2018.06.25~06.26	54
2018	BIXPO 2018	Outlook of Clean Coal Combustion Technoogy	Korea Power Exchange (GM. Junhwan Kim) KEPCO (Dr. Youngju Kim) KEPCO (Dr. Sungnam Cheon) KITECH (Dr. Won Yang) Taiyuan University of Technology (Prof. Jiancheng Wang, China) JCOAL(Hashiguchi Masamichi, Japan)	Kim Daejung Convention Center	2018.10.31 10:20~16:30	58

2018	IGCC Activation Symposium	IGCC Technology as a countermeasure for fine dust and Energy Security	Legislators Jeong Park & Dongsu Yoo Dr. Yongseung Yoon (Institute for Advanced Engineering) Dr. Jungsoo Lee (Korea South Power Plant) Dr. Yongjin Ju (KEPRI)	국회의원회원 제2소회의실	2018.09.20 10:00	52
2019	Education Program for graduate student	열 시스템해석, 연소반응 및 화학평형 기초 이론 연소공학을 위한 유체역학기초이론 연소시 발생하는 공해물질 및 제어 방법 예혼합/확산/에지화염 핵심이론 고체연료연소 이론 화염신장/안정성 핵심이론 고체 연료 연소 시스템 응용	Dr. Won Yang (KITECH) Dr. Daegeun Lee (KIER) Dr. Eunsung Cho (Doosan Heavy Industries) Prof. Namil Kim KAIST Prof. Changkuk Ryu (Sungkyunkwan University)	Seoul National University	2019.04.04~04.05	34
2019	Education Program for graduate student	Molecular Diffusion & Chemical Reaction/Governing Equation	Prof. Sukho Chung (KAUST)	Korea Institute of Machine and Machinery	2019.10.17~10.18	34

		Premixed Flame/Flame Stretch/Autoignit ion/Thermal Explosion				
		Diffusion Flame/Flame Stabilization/Igni tion/ Extinction Pollutant Emission/Recent Researches				

Awards:

- Chapter 2 Kind of Award
 - Best paper award (one person a year) and good paper award (two persons a year)
 - Best research award (one person a year) and good research award (two persons a year)
 - Young Investigate Award (Two Persons a year)
 - Best presentation award (5 persons a year)
 - Best visualization award (one person a year) and good visualization award (three persons a year)
 - Appreciation Plaque and Achievement Award
- Chapter 3 Qualification for Award
 - Young Investigate Award
 - Recipient: A person with excellent research achievements whose age is under 40
 - Two persons a year
 - Best research award
 - Recipient: A researcher who contributes to industry and combustion society via developing an advanced technology
 - One person a year
 - Best & good awards
 - Recipients can be selected as the persons who published their papers from Last September to this August in Journal of KOSCO.
 - The first (corresponding) author should be the regular member of KOSCO who does not win an award with the same title from the other society.
 - In the reviewed published papers, the best paper is first selected and then the second-graded two papers are selected as the good paper.
 - The best presentation award:
 - Five papers presented in Spring & Autumn Symposiums can be selected with a reviewing process from editorial board members.
 - Best & good visualization awards:
 - In the midst of arts of flame visualization, the best visualization award is given to one team and good visualization award is given to three teams.