

# Section Report of The Korean Society of Combustion (KOSCO)

2014-2016 Report

## ▶ Current Board of Directors

Chair:	Younghin Yoon, Seoul National University
Vice-Chair:	Jaen Park, Sookook Corporation
	Jeong Park, Pukyoun National University
	Young Myung Yang, Korea Gas Corporation
	Kee-Man Lee, Sunchon National University
	Soowon Lee, Ssangyong Motor Company
Past Chair:	Chang Eon Lee, Inha University
Advisor:	Suk Ho Chung, King Abdullah University of Science and Technology

## ▶ KOSCO Journals published

- (1) Vol. 19, No. 3 (2014, 9) 6 papers, 52 pages (500 prints)
- (2) Vol. 19, No. 4 (2014, 12) 8 papers, 55 pages (500 prints)
- (3) Vol. 20, No. 1 (2015, 3) 6 papers, 51 pages (500 prints)
- (4) Vol. 20, No. 2 (2015, 6) 6 papers, 53 pages (500 prints)
- (5) Vol. 20, No. 3 (2015, 9) 6 papers, 42 pages (500 prints)
- (6) Vol. 20, No. 4 (2015, 12) 7 papers, 55 pages (500 prints)
- (7) Vol. 21, No. 1 (2016, 3) 5 papers, 45 pages (500 prints)
- (8) Vol. 21, No. 2 (2016, 6) 5 papers, 46 pages (500 prints)

## ▶ Current Members

505 Regular members  
147 Student members  
9 Special members (companies)

Total 661 members registered

## ▶ KOSCO Symposia

- (1) 48<sup>th</sup> KOSCO Symposium (2014 Spring)  
2014. 05. 22 – 05.24, Wellihilli Park, Gangwon-do  
90 papers presented (including posters)  
152 registered participants

- (2) 49<sup>th</sup> KOSCO Symposium (2014 Fall)  
2014.11.27 – 11.29, Ocean Suites, Jeju  
134 papers presented (including posters)  
181 registered participants  
Invited speaker : Dr. Shigery Azuhata (Chairman of the combustion institute of Japan) on ‘Hitachi and Its corporate R&D’ and Prof. Ho Young Kim (Korea University) on ‘Technology development and social change’
- (3) 50<sup>th</sup> KOSCO Symposium (2015 Spring)  
2015. 05. 21 – 05. 23, Sunchon National University, Jeollanam-do  
91 papers presented (including posters)  
177 registered participants  
3 invited speakers
- (4) 51<sup>st</sup> KOSCO Symposium (2015 Fall)  
2015. 12. 10 – 12. 12, Maisonglad Hotel, Jeju  
99 papers presented (including posters)  
176 registered participants  
Invited speakers :  
- Prof. Toshiaki Kitagawa (Kyushu University) on ‘Study on Propagating Turbulent Flame in SIP\* innovative combustion technology projects’  
- Prof. Derek Dunn-Rankin (Univ. of California, Irvine) on ‘Burning Hydrates: Energy and Environmental Aspects’  
- Prof. Hong G. Im on ‘An Ignition Regime Diagram and Its Implications in Pre-ignition and Super-knock for IC Engine Applications’  
- Prof. Foluso Ladeinde (The State University of New York Korea) on ‘Supersonic Combustion Modeling and Simulation for Scramjets’
- (5) 52<sup>nd</sup> KOSCO Symposium (2016 Spring)  
2016. 05. 12 – 05. 14, Buyeo Lotte Resort, Chungcheongnam-do  
93 papers presented (including posters)  
189 registered participants  
Invited Speakers :  
- Prof. Suk Ho Chung (KAUST) on ‘Changing Environment in Combustion Research’  
- Prof. Yiguang Ju (Princeton University) on ‘Cool Flames : A New Frontier in Combustion Research’  
- Prof. Minghou Xu (Huazhong University of Science & Technology) on ‘Particulate Matter from Coal Combustion : Formation and Emission Control’

► **Workshops and Lectures**

- (1) 3<sup>rd</sup> KOSCO Workshop  
2014. 08. 28 – 08. 29, Chungwoo Resort, Gangwon-do  
The workshop was held with presentations about ‘Combustion Technology & Application in

Power Generation Field'. The detail subjects are 1) Coal combustion, 2) Coal & Biomass and 3) Gas turbine.

(2) Gas Turbine Combustor Design Technology Workshop

2016. 04. 29, Hotel Interciti, Daejeon

The workshop was held with 11 presentations about 'Gas turbine combustor design technology'

94 registered participants

► **Preparing for the 36<sup>th</sup> International Symposium on Combustion 2016 in Seoul, Korea**

The Symposium will be held at the Coex Convention & Exhibition Center in Seoul, Korea from Sunday, July 31 through Friday, August 5, 2016

Chair: Inseuck Jeong, Seoul National University

Secretariat: Youngbin Yoon, Seoul National University

Jack Yoh, Seoul National University