



12TH ASIA-PACIFIC CONFERENCE ON COMBUSTION (ASPACC 2019)



1-5 JULY, 2019

FUKUOKA, JAPAN

SECOND CIRCULAR



The Asia-Pacific Conference on Combustion (ASPACC) is a biennial meeting sponsored by the Combustion Institute and organized by members of the Asia-Pacific regional sections. Its goal is to promote exchange of information and to elevate combustion science and technology through regional and global scientific partnership. The 12th ASPACC will be hosted by the Japan Section of the Combustion Institute, and will be held on July 1 to 5, 2019 in Fukuoka, Japan. The conferences will provide a forum for mutual exchange of information in the Asia-Pacific combustion community involved in both fundamental and application oriented research and development works.

PLENARY SPEAKERS :

Professor Evatt Hawkes, University of New South Wales
Unravelling engine combustion using large-scale computations

Professor Naian Liu, University of Science and Technology of China
Combustion of Fire Whirl : How much do we know?

Professor Kang Y. Huh, Pohang University of Science and Technology
Combustion Modeling and Simulation in Era of the Fourth Industrial Revolution

Professor Min Suk Cha, King Abdullah University of Science and Technology
Recent understanding with flames under external electric fields

Professor Yei-Chin Chao, National Cheng Kung University
Hydrogen Peroxide Revisited : the Role as an Energy-Saving Combustion Enhancer and a Non-Toxic Green Propellant for Satellites and Hybrid Rockets

Speakers from Japan and India Sections are to be determined.

CONFERENCE VENUE :

Fukuoka International Congress Center
2-1 Sekijo-machi, Hakata-ku, Fukuoka 812-0032, JAPAN

IMPORTANT DATES :

Submission of full paper:	25th January 2019
Notification of paper acceptance:	1st April 2019
Conference dates:	1st - 5th July 2019

PAPER SUBMISSION :

Full length papers should follow the format given on the conference web site. The Program Committee will select papers for presentation on the basis of peer reviews of each paper. All selected papers should be presented by one of the authors. Technical papers are solicited in all areas of combustion science and technology including the following areas.

- Gas-Phase Reaction Kinetics
- Soot, Nanomaterials, and Large Molecules
- Diagnostics
- Laminar Flames
- Turbulent Flames
- Spray, Droplet, and Supercritical Combustion
- Detonations, Explosions, and Supersonic Combustion
- Solid Fuel Combustion
- Fire Research
- Stationary Combustion System and Control of Greenhouse Gas Emissions
- Internal Combustion Engines
- Gas Turbine and Rocket Engine Combustion
- New Concepts

YOUNG INVESTIGATOR AWARDS :

Young Investigator Awards will be awarded to the best performing young author-presenter from research students or postdoctoral researchers (or equivalent).

BEST PAPER AWARDS :

Best paper awards will be awarded to the best papers presented at ASPACC2019.

WOMEN IN COMBUSTION MEETING :

All women conference participants are invited to join together for a time to network and share their experiences. The interactive meeting will convene during the conference.

ORGANIZING COMMITTEE :

Chair: Toshiaki Kitagawa, Kyushu University

Co-chair: Fumiteru Akamatsu, Osaka University

Co-chair: Kenji Yamamoto, Mitsubishi Heavy Industries, Ltd.

In 2019, the Organizing Committee is spread in the community of the Asia-Pacific regional sections of the Combustion Institute, mainly the Japan Section.

PROGRAM COMMITTEE :

Chair: Masato Mikami, Yamaguchi University

Co-chair: Shuhei Takahashi, Gifu University

CONTACT :

For additional information please contact

Contact address: aspacc19@combustionsociety.jp

Website: <http://www.combustionsociety.jp/aspacc19/>

Full length paper submission will be available in early December on the conference web.