



Dear Prof. Hong G. Im,
Chair of the 13th ASPACC (ASPACC 2021)

On behalf of steering committee of 12th ASPACC (ASPACC2019 in Fukuoka), I would like to inform you the results of Best Paper Awards (BPA) and Young Investigator Awards (YIA) as listed below. I cordially request you to organize the awarding ceremony during the 13th ASPACC in Abu Dhabi.

Best regards,

Osamu Fujita,
Chair or Steering Committee of 12th ASPACC
January 24, 2020

Best Paper Awards

(1) ASPACC2019-1025 "Chaotic thermoacoustic oscillations in an aero-engine combustor with a liquid-fuelled turbulent diffusion flame"
Yu Guan, Larry K.B. Li (The Hong Kong University of Science and Technology),
Byeonguk Ahn, Kyu Tae Kim (Korea Advanced Institute of Science and Technology)

(2) ASPACC2019-1460 "Experimental Study of the Combustion of Oxygen and Hydrogen Enriched Natural Gas in a Cylindrical Radiant Burner"
Anatoly S. Maznoy (Far East Federal University), Nikita Pichugin (Tomsk Scientific Center SB RAS), Alexander I Kirdyashkin, Sergey S Minaev (Far East Federal University)

Young Investigator Awards

Australia and New Zealand section:

Zhijie Huo (The University of Sydney)

ASPACC2019-1031 "On the validation of the TDAC method for a stochastic turbulent combustion model in OpenFOAM"

China section:

Xi Xia (Shanghai Jiao Tong University)

ASPACC2019-1215 "Flickering Mode Transition of Dual Pool Flames"

Yingju Yang (Huazhong University of Science and Technology)

ASPACC2019-1122 "Heterogeneous evolution mechanism of SO₂ formation during CO₂-mediated pyrite oxidation"

India section:

Pabitra Badhuk (Indian Institute of Science, Bengaluru)

ASPACC2019-1291 "A Numerical Study on the Response of Trimethyl Phosphate-Doped Laminar Counterflow Diffusion Flames to Strain Rate Variations"

Japan section:

Ekenechukwu Chijioke Okafor (National Institute of Advanced Industrial Science and Technology)

ASPACC2019-1387 "On the control of NO_x emission from a micro gas turbine combustor fueled with mixtures of methane and ammonia"

Korea section:

Seo Hee Cho (Sunchon National University)

ASPACC2019-1159 "Measurement of Laminar Burning Velocity for SNG fuel at Normal and Elevated Pressure from Propagating Spherical Flames"

Saudi Arabia section:

Qinglong Tang (King Abdullah University of Science and Technology)

ASPACC2019-1108 "Spray-wall interaction and its effects on partially premixed combustion (PPC) at low engine load"

Taiwan section:

Tsung-Feng (National Chiao Tung University, Taiwan)

ASPACC2019-1364 "Tsai Effect of Ozone on the Propagation Speed of a Tribrachial Flame in Laminar Non-Premixed Jets"