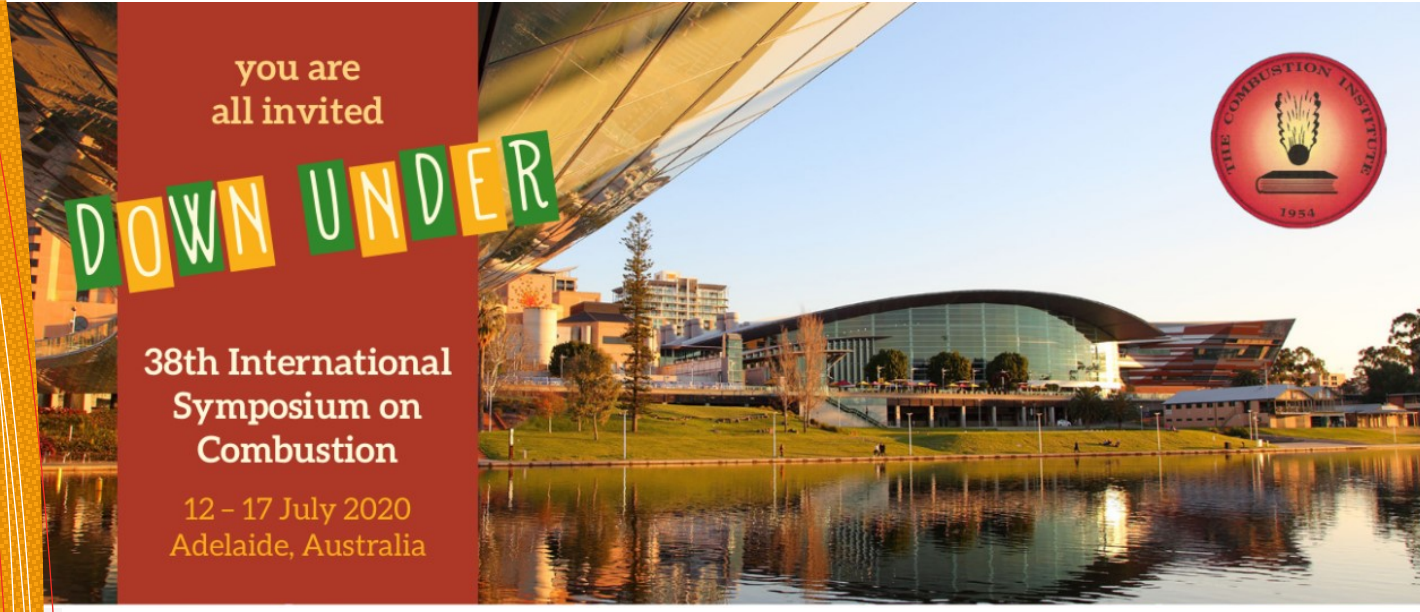

Call for Papers: 38th International Symposium on Combustion

Released: 3 April 2019

The 38th International Symposium on Combustion will convene at the Adelaide Convention Centre, Adelaide, Australia from Sunday, 12 July through Friday, 17 July 2020. Scientists, engineers, and others interested in combustion are invited to attend and participate in this biennial world congress of **The Combustion Institute**.

Symposium Agenda

The technical program will consist of contributed papers and Work-in-Progress Poster (WiPP) sessions. Invited lectures, topical reviews, and special industry perspectives will be presented by eminent specialists.

Technical Program Co-Chairs

Tim Lieuwen, Georgia Institute of Technology, USA Fei Qi, Shanghai Jiao Tong University, China

Colloquia Descriptions

A total of 13 colloquium categories will be addressed at the 38th International Symposium on Combustion. Authors must indicate a choice of colloquium with their submissions.

GAS-PHASE REACTION KINETICS ***including the kinetics of hydrocarbons and oxygenated fuels, formation of gaseous pollutants, elementary reactions, mechanism generation, reduction and uncertainty quantification.***
Michael P. Burke, Columbia University, United States; Guillaume Dayma, Université d'Orléans—CNRS/ICARE, France; Perrine Pepiot, Cornell University, United States; Raghu Sivaramakrishnan, Argonne National Laboratory, United States; Bin Yang, Tsinghua University, China; Judit Zádor, Sandia National Laboratories, United States.

SOOT, NANOMATERIALS, AND LARGE MOLECULES ***including the formation, growth, and destruction of soot, PAHs, carbon nanostructures, and other nanoscale materials.*** Per-Erik Bengtsson, Lund University, Sweden; Yuyang Li, Shanghai Jiao Tong University, China; Michael E. Mueller, Princeton University, United States; William Roberts, King Abdullah University of Science and Technology, Saudi Arabia; Xiaoqing You, Tsinghua University, China.

DIAGNOSTICS ***including the development and application of diagnostic techniques and sensors for the understanding and control of combustion and reacting flow phenomena*****.** Aamir Farooq, King Abdullah University of Science and Technology, Saudi Arabia; Tina Kasper, University of Duisburg-Essen, Germany; Jeffrey A. Sutton, Ohio State University, United States; Wolfgang Meier, Deutsches Zentrum für Luft- und Raumfahrt e.V., Germany.

LAMINAR FLAMES ***including their ignition, structure, propagation, extinction, stabilization, dynamics, and instabilities*****.** Zheng Chen, Peking University, China; Christos E. Frouzakis, ETH Zürich, Switzerland; Fabien Halter, Université d'Orléans—CNRS/ICARE, France; Zuohua Huang, Xi'an Jiaotong University, China; Jeong Park, Pukyong National University, Republic of Korea; Eric L. Petersen, Texas A&M University, United States; Bruno Renou, CORIA, INSA Rouen Normandie, France.