

Editorial

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The last decade saw many rapid developments in both combustion dynamics and spray dynamics. Sensing the tremendous growth of these fields, *The International Journal of Spray and Combustion Dynamics* was founded to be a dedicated platform where these advances could be published.

Combustion dynamics is a growing area that has received renewed emphasis due to advances in energy-efficient and low-emission combustion systems for ground-based as well as aerospace power plants. The occurrence of thermo-acoustic instabilities, popularly known as combustion instabilities, has been a plaguing problem in the development of combustors for rockets, jet engines, power generating gas turbines and process or domestic heaters. Significant advances in understanding and controlling combustion instability are critical for widening the operating envelope of the existing installations, and in avoiding delays and cost overruns in development programmes. Moreover, understanding and reducing combustion noise has become a priority in recent times, in an effort towards reducing noise pollution from power plants. Low-emission combustors are prone to combustion instabilities and flame blow out. Liquid fuels are often used in combustors, in particular aero-engines; therefore, atomization, evaporation and combustion of sprays play an important role in combustion dynamics.

We are now into the eighth year of publication of the *International Journal of Spray and Combustion Dynamics*. *IJSCD* is indexed and abstracted, starting with Volume 1, Issue 1, in

- Science Citation Index Expanded (also known as SciSearch[®])

- Journal Citation Reports/Science Edition
- Current Contents[®]/Engineering Computing and Technology

The journal is also accredited by Web of Science (isiknowledge.com). This recognition is indeed a testimonial to our efforts to maintain the highest standards for the papers published in *IJSCD*. Although we are a young journal, our five-year impact factor of 0.762 is comparable to the established journals in the field. Credit for this success belongs to our editorial board, reviewers and most importantly to the authors.

From 2016 onwards, the journal will be published by SAGE Publications Limited. We are pleased to inform our authors and readers that with the new publisher, the journal will be open access, for submissions starting from 1 December 2015. There is also a change in the editorial board: R. I. Sujith is concluding his tenure as Editor-in-Chief, and Wolfgang Polifke is taking charge.

We are confident that *IJSCD* will continue to publish high-quality articles, and continue its growth as a high-quality journal.

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