

Combustion & Flame Instabilities in Confined Geometries

Date: 17-18 July 2024

Venue: Alan Turing Building
Department of Mathematics
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Combustion and flame instabilities in confined geometries is an active area of research which contributes to expanding our fundamental knowledge of combustion phenomena and to addressing several practical issues concerned with net-zero emissions and power generation in micro-combustion devices. This two-day international conference intends to bring together experts in the field of combustion to share their research findings and ideas, through presentations based on their theoretical, numerical and experimental investigations. The conference also aims to serve as a forum for the exchange and stimulation of creative ideas, and for the initiation of new research and collaborations in the field.

Speakers (list based on presentation order)

- **Paul Ronney**, University of Southern California, USA (July 17, morning session)
- **Daniel Fernandez Galisteo**, CIEMAT, Spain (July 17, morning session)
- **Benny Cohen**, University of Southern California, USA (July 17, morning session)
- **Hong Im**, KAUST, Saudi Arabia (July 17, morning session)
- **Bruno Denet**, Aix-Marseille University, France (July 17, morning session)
- **Joel Daou**, University of Manchester, UK (July 17, afternoon session)
- **Christophe Almarcha**, Aix-Marseille University, France (July 17, afternoon session)
- **Zheng Chen**, Peking University, China (July 17, afternoon session)
- **Carmen Jiménez**, CIEMAT, Spain (July 17, afternoon session)
- **Raphael Assier**, University of Manchester, UK (July 17, afternoon session)
- **Paul Clavin**, Aix-Marseille University, France (July 18, morning session)
- **Daniel Martínez Ruiz**, Technical University of Madrid, Spain (July 18, morning session)
- **Jorge Yanez**, Karlsruhe Institute of Technology, Germany (July 17, morning session)
- **Kaoru Maruta**, Tohoku University, Japan (July 18, morning session)
- **Akira Tsunoda**, Tohoku University, Japan (July 18, morning session)
- **Youhi Morii**, Tohoku University, Japan (July 18, morning session)
- **Vadim Kurdyumov**, CIEMAT, Spain (July 18, morning session)
- **Jack King**, University of Manchester, UK (July 18, afternoon session)
- **Prabakaran Rajamanickam**, University of Manchester, UK (July 18, afternoon session)
- **Kaname Matsue**, Kyushu University, Japan (July 18, afternoon session)
- **Faisal Al-Malki**, Taif University, Saudi Arabia (July 18, afternoon session)
- **Aiden Kelly**, University of Manchester, UK (July 18, afternoon session)