

# ILASS-ASIA 2020

## 21st Annual Conference on Liquid Atomization and Spray Systems - Asia

October 23-26, 2020

Jiangsu University, Zhenjiang, China



### CALL FOR PAPERS

Deadline for Abstract Submission	June 15, 2020
Notification of Abstract Acceptance	June 30, 2020
Deadline for Paper Manuscript Submission	August 5, 2020
Notification of Paper Acceptance	September 5, 2020
Deadline for Final Paper Submission	September 15, 2020

For paper template and more information:

<http://ilassasia2020.ujz.edu.cn>

Contact: [ilass@ujz.edu.cn](mailto:ilass@ujz.edu.cn)

# ILASS-asia

## INTRODUCTION

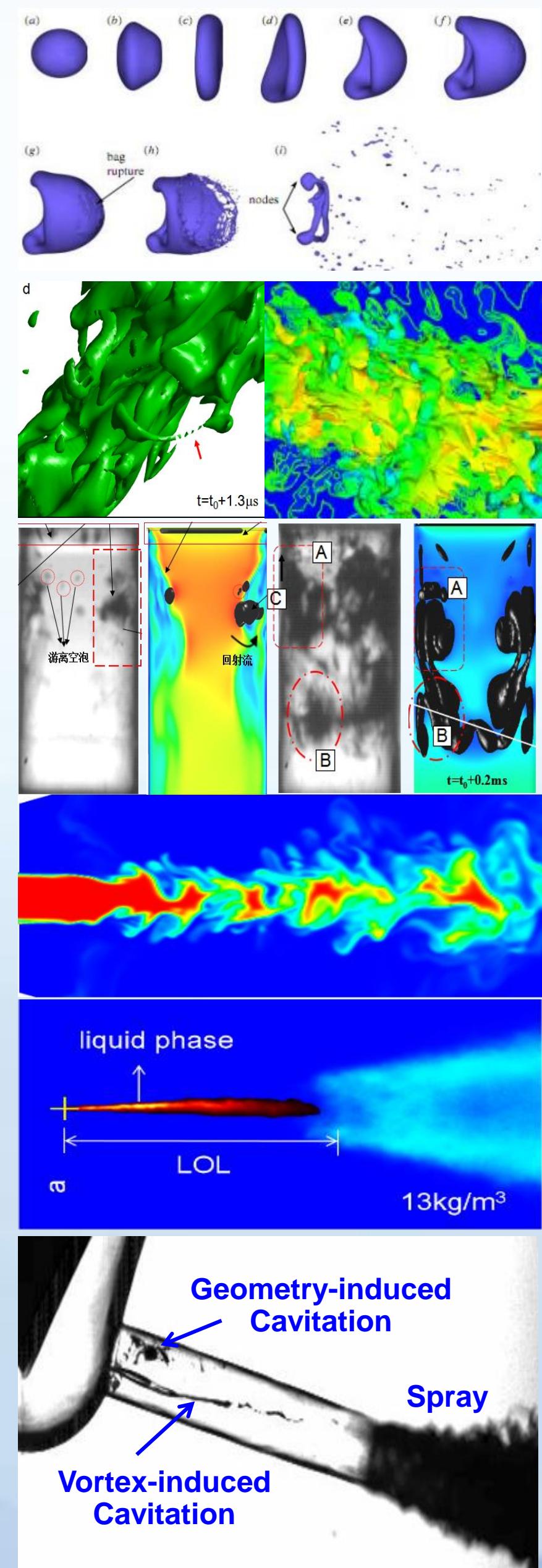
ILASS-Asia, the Institute for Liquid Atomization and Spray Systems, Asia, was established in 1991 as an outgrowth of the International Conference on Liquid Atomization and Spray Systems (ICLASS). ILASS-Asia2020 is the 21th Asia conference on Liquid Atomization and Spray Systems, where continuous improvements in modeling, numerical simulations, diagnostic tools, science involved in liquid atomization and various forms of spray applications will be witnessed in papers submitted to the ILASS conference.

The purpose of ILASS-Asia2020 is to discuss the state-of-the-art liquid atomization and spray research and their up-to-date applications, and to foster discussion and exchange of knowledge, and to provide an opportunity for the researchers, engineers and graduate students to report their latest outputs in these fields. Furthermore, the participants are encouraged to present their work in progress with short lead time and discuss the encountered problem.

## TOPICS

All aspects of atomization and spray processes will be covered, including, but not limited to:

1. Physical processes:
  - ✓ Primary atomization: jets & sheets
  - ✓ Drop & ligament breakup
  - ✓ Drop collisions
  - ✓ Drop/wall interaction
  - ✓ Internal flow
  - ✓ Cavitation
  - ✓ Flashing
  - ✓ Phase change
  - ✓ Supercritical/transcritical atomization
  - ✓ Atomization in compressible high speed flows
  - ✓ Drop/spray combustion
2. Measurement instrumentation and diagnostic techniques development related to sprays for drop size, drop velocity and impact, drop concentration, patterning, film thickness, and vapor concentration.
3. Computational modeling and simulation of flow phenomena inside and outside of atomizers/injector nozzles.
4. Application areas:
  - ✓ Diesel sprays
  - ✓ Gasoline sprays
  - ✓ Aerojets & rocket sprays
  - ✓ Manufacturing sprays
  - ✓ Medical sprays
  - ✓ Process sprays & industrial application
  - ✓ Alternative fuels



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## REGISTRATION FEES

Registration Type	Early Registration (By 15 <sup>th</sup> September 2020)	Standard Registration
Regular	290USD / 2000 RMB	360USD / 2500 RMB
Student	175USD / 1200 RMB	230USD / 1600 RMB

## CONFERENCE VENUE

Crowne Plaza, Zhenjiang (镇江兆和皇冠假日酒店)

Address: 27 Changjiang Road, Zhenjiang, Jiangsu Province, 212001, China

Tel: (86) 511 8895 9888 Fax: (86) 511 8895 9009

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