

27th ISABE

20-25 September 2026
Victor Menezes Convention
Center, IIT Bombay
Mumbai, India



1st Call for papers

*Propelling the Future: Airbreathing
Propulsion and the Next Generation of
Aerospace Engineers*

ABOUT THE CONFERENCE AND ISABE

CONFERENCE

The conference will be held at the Victor Menezes Convention Centre, Indian Institute of Technology Bombay, Mumbai, India, between 20-25th September 2026. Mumbai, often referred to as the financial and cultural capital of India, is a vibrant and sprawling metropolis that seamlessly blends history, modernity, and diversity. Mumbai is located on the west coast of India and known for its iconic skyline dominated by high-rises, bustling streets, and the renowned Gateway of India. Its vibrant cultural scene, including art galleries, theatres, and music festivals, reflects a rich tapestry of traditions and contemporary influences. The city is a melting pot of cultures, with a diverse population that speaks a multitude of languages and practices various religions.



ISABE

The International Society of Air Breathing Engines [ISABE] is an organisation that was formed to further the free exchange, on an international level, of knowledge in the field of air breathing propulsion for flight vehicles. ISABE has national representatives from more than 25 nations and holds events on six continents. For more than 50 years, ISABE has produced some of the most memorable and important conferences in the field of air breathing propulsion. The Society produces a major conference every two years with invited lectures, contributed technical paper sessions, pre-arranged sessions, special forums and social events for informal discussions, networking and relaxation.

Find out more at: www.isabe.org

Program of events

KEYNOTES AND INVITED LECTURES

Talks by renowned and distinguished leaders in airbreathing engines from the industry, academia and research organizations will be the highlight of the conference.

CONTRIBUTED TECHNICAL PAPER SESSIONS

Papers on topics associated with air breathing engines for flight vehicles and aeroderivative engines for power generation.

PRE-ARRANGED SESSIONS

Sessions of contributed technical papers on specific topics of current interest organised by the experts from various member nations.

ISABE & ICAS

To keep up with the tradition, a joint session provided by ISABE and ICAS will be arranged.

NETWORKING

Various social events will be planned to encourage informal discussions, networking and socializing among delegates. Technical exhibitions and visits will also be available. Excursions and cultural visits to have a glimpse of the rich cultural heritage of India will be organized. Social events for the accompanying persons also be planned.

Participation

PROPOSALS FOR PARTICIPATION

You are invited to take part in the conference with a personal contribution as listed below.

- Technical paper sessions
- Pre-arranged sessions
- Special forum
- Technical exhibitions

TECHNICAL PAPER SESSIONS

SUBMITTING A PAPER: Subject areas of interest are listed on the following.

CHAIRING A SESSION: To offer to chair a session, please send an email to your national representative and copy your email to isabe2026@aero.iitb.ac.in. Please mention details of the subject areas of your expertise.

SUBMITTING A PAPER

Guidelines for preparation of extended abstract will be available under “Instructions for Authors” at www.isabe.org. Submit a 2-3 page extended abstract via www.isabe.org as per the timeline given below. Upon acceptance of the extended abstract, authors would have a choice to submit a full manuscript for possible publication in a Special Issue of the Royal Aeronautical Society.

SUBMISSION AND REVIEW TIMELINES

Extended abstracts for review due	30 July, 2025
Abstract review feedback	15 October, 2025
Full paper for RAeS Special issue review due (for accepted abstracts)	31 January, 2026
Full paper for Non-RAeS Special Issue Track due (for accepted abstracts)	26 June, 2026
Early Bird Pre-registration begins.	26 June, 2026
ISABE2026 Mumbai	20–25 September 2026

Topics of interest

Following is a list of major subject areas of interest. All aspects of air breathing engines for flight propulsion in all regimes of speed and aero-derivative engines for power production are included, as well as components that are ancillary to engines and new propulsion paradigms in terms of emerging technology and markets. The greatest emphasis is on creation and utilization of the best technology for sustainable progress. Notwithstanding the list below, any other papers of relevance to the overall theme of the conference on airbreathing propulsion and associated systems are welcome.

ENGINEERING SCIENCES

Fluids, chemical reactions, materials and structures

Education and training

ENVIRONMENT AND EMISSIONS

Climate and aviation

Alternative fuels, including biofuels and H₂

Contrails

CO₂ and non-CO₂ effects

Noise

AIRCRAFT SYSTEMS AND COMPONENTS

Supersonic and Hypersonic Vehicles

VTOL and STOVL vehicle propulsion

Aircraft, helicopter & UAV

More electric and hybrid propulsion

Engine control & health monitoring

ENGINE SYSTEMS AND COMPONENTS

Turbomachinery

Combustion

Quiet Engine

Integration

Intakes and nozzles

ENGINE AND FLEET OPERATIONS

Cost and business

Safety

Maintenance, repair and overhaul

TESTING

Innovation in design, testing and fast prototyping

Integrated testing, prediction and evaluation

Diagnostics, instrumentation and sensors

Testing

Rig design