

ISAMPE

Indian Society for Advancement of Materials and Process Engineering (ISAMPE), founded in September 1985, is a professional body dedicated to the promotion of Materials and Process Technologies in the country, with special emphasis on composites. It aims at establishing a scientific and organized approach to advancements and applications in the field through conferences, workshops, education, research, compilation and dissemination of information as well as training and interaction among the professionals from a wide spectrum of disciplines involved. Its major goal is to bring together R&D institutions and industries together. ISAMPE, headquartered in Bangalore has local chapters in Bangalore, Pune, Trivandrum, Coimbatore, Hyderabad and Kanpur.

CSIR-NAL

The CSIR-National Aerospace Laboratories (NAL) was established in 1959 under the Council of Scientific and Industrial Research (CSIR), NAL has successfully contributed to the growth of aerospace R&D activities in the country and in particular to the projects of national importance in the defense and space sectors. This has been done through building up of expertise and establishing various facilities. NAL, the largest laboratory of the CSIR, has 1350 employees, including 330 scientists, of whom at least 100 hold doctoral degrees. The laboratories objective is a well-balanced assortment of diverse tasks connected to technical advancement, programme support for government initiatives, and the design and development of civil aircraft. CSIR-NAL is the only civilian aerospace R&D facility that is accredited by the ISO 9001-2008 QMS International Standards. As a result of its successful efforts and significant contributions, CSIR-NAL has been recognized internationally as a major center for aerospace research and development activities.

INCCOM-18

From the Year 2002, ISAMPE has been organizing the annual conference (ISAMPE National Conference on Composites – INCCOM) to explore the ongoing research in processing and characterization of composite materials and their potential application for the future. ISAMPE Bangalore chapter, in association with CSIR-NAL, is hosting the INCCOM conference (INCCOM-18) at CSIR-NAL, Bangalore. The main theme of this conference is “Advances in Materials & Manufacturing Processes for Composites (AMMPCOM)”.

The conference will provide a forum for R&D organizations, Academia and Industrial Agencies to exchange information on the latest advances in composite materials and to explore networking possibilities to achieve technological advancement on a global scale. This Conference will also showcase the Aerospace Technologies of CSIR-NAL.

This Conference will comprise of keynote addresses, invited lectures, and contributed papers as well as an exhibition to showcase technologies/products from industries. Also, an industry-ISAMPE interactive session is contemplated.

Industries interested in sponsoring the event may contact the convener. Please visit www.isampe.org/inccom18 for more details

Areas of Interest

Significant research findings, R&D trends, and future prospects of science and technologies are solicited in different areas of composites including,

- Synthesis and Processing of Composites
- Composites Tooling
- Physical, Chemical & Mechanical Characterisation
- Structural Testing and Certification of Composites
- Non-Destructive Testing & Analysis,
- Fatigue & Fracture of Composites
- Composite Manufacturing Techniques
- FEM in Design of Composites
- Repair and Recycling Technologies
- Composite Structural Health Monitoring
- Nanocomposites
- Damage Tolerance in Composites
- Stealth Materials in Aerospace Applications

For more details, please visit the website www.isampe.org/inccom18.

Call for Papers

Authors are invited to electronically submit abstracts of their original work written in English in the areas of interest to the conference. The

abstract has to be of approximately 300 words. The Abstract has to be submitted as an e-mail attachment to inccom18@gmail.com.

All the submitted abstracts will be peer-reviewed and authors of selected abstracts will be requested to submit the full-length paper. The papers selected would be published in the Springer Proceedings. Besides, a souvenir containing abstracts would also be brought out.

Important Dates

Receipt of Abstracts:	November 30, 2023
Acceptance of Abstracts:	December 15, 2023
Final Paper Submission:	January 15, 2024
Advance Registration Closing:	February 01, 2024
Conference Dates:	February 8-9, 2024

Registration

Registration Fee

ISAMPE members	Rs. 5000
Individual / Industry	Rs. 6000
Academic Institutions	Rs. 4000
Students	Rs. 2000

Registration fee includes a copy of the conference proceedings, participation in technical sessions, refreshments, lunch during sessions and a conference banquet.

Mode of payment

Payments should be made through Online Transfer:
Account name - ISAMPE
Account Number – 41270405763, Bank - State Bank of India, NAL Branch - 560017, Bangalore, India
IFSC code – SBIN0004815

Website

For detailed information, online pre-registration and updates, please visit the conference website: www.isampe.org/inccom18

For details contact

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Bangalore is among the world's fastest-growing Cosmopolitan city today and is home to many high-tech industries in India. Rightly acknowledged as the Intellectual Capital of India, it is home to some of India's premier scientific establishments like the Indian Institute of Science, apart from being the country's aerospace engineering hub.

Bangalore is popularly known as the Garden City of India, due to its salubrious climate, picturesque parks, gardens and other scenic spots. Bangalore being the center of exports, its shopping arcades offer a wide range of selections for silk, sandalwood and inlay work in brass and rosewood. In addition, Bangalore showcases a fascinating confluence of cultures both of Karnataka and the country as a whole.

Bangalore is the headquarters of several public sector units and government R&D establishments like Hindustan Aeronautics Limited (HAL), Bharat Heavy Electricals Limited (BHEL), Bharat Electronics Limited (BEL), National Aerospace Laboratories (CSIR-NAL), Defence Research Laboratories (DRDO), Bharat Earth Movers Limited (BEML) and Hindustan Machine Tools (HMT). The Indian Space Research Organization (ISRO) established under the Department of Space is headquartered in the city. Bangalore is also called the "Silicon Valley of India" because of the large number of Information Technology companies located in the city.



ISAMPE NATIONAL CONFERENCE ON COMPOSITES: INCCOM-18

Advances in Materials & Manufacturing Processes for Composite Applications (AMMPCOM)

February 8 -9, 2024

**CSIR-National Aerospace Laboratories
Bangalore-17**

Call for Papers

Organised by

**Indian Society for Advancement of
Materials and Process Engineering
Bangalore Chapter**

In Association with
**CSIR-National Aerospace Laboratories
Bangalore**

Venue:
**S R Valluri Auditorium, CSIR-NAL,
Bangalore**

www.isampe.org