



Call for Papers

AeroSEC - Aerospace Systems Engineering Conference is the first of its kind event organized by INCOSE India Chapter (www.incose.org/India) dedicated to Systems Engineering in Aerospace, Defense, and Space domains. AeroSEC 2026 marks the very first edition of the biannual conference series, and is planned to be held in Bengaluru, India, on 27-28 November, 2026.

AeroSEC 2026 conference Committee invites academicians, researchers and industry practitioners to actively participate in the conference and leverage this opportunity to exchange ideas, information and opinions, share their research findings and experiences in systems engineering.

The theme of the conference is *“Advancing Systems Engineering for a Complex and Digital Future”*.

List of Topics

Topics of special interest for this conference are:

- Complex system management
- Autonomous Systems
- AI / ML for aerospace, defense and space
- Certification of AI based systems in aerospace, defense and space
- Model based Systems Engineering (MBSE)
- Digital Engineering
- Digital manufacturing
- Digital Thread

Topics of interest and emphasis areas (including but not limited to):

- System Decision Analysis
- System Requirements Management
- System Architecture and Design
- System Integration
- System Verification and Validation
- System Speciality Areas: Safety, Security, Human Factors etc.
- System Operations/ Disposal

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- System Acquisition & Management
- System configuration management
- System certification
- System Modelling and Simulation
- System LifeCycle – Agile/ Lean
- Systems Engineering Frameworks, Methods, Tools
- System-of-Systems

Submission Guidelines – Technical papers

Authors are invited to submit only original papers (written in English) not published or submitted for publication elsewhere. The length of the paper should not exceed 15 pages in length. Papers exceeding these limits, multiple submissions, and self-plagiarized papers will be rejected without further review. All submitted papers will be subject to a peer-review process. Please refer to the conference website for paper formatting requirements.

Academic papers should cover from theory to validation, although papers presenting research proposals coupled with initial results will also be considered. Practice-focused papers should include problem space and approach through implementation. Papers that provide insight into critical applications of systems engineering that address complex problems will align well with the conference theme.

At least one author of an accepted paper needs to register for the conference and present the paper during the conference, for the paper to be included in the conference proceedings. Invitations will be made to the authors of the best papers to submit an extended version of papers for consideration as book chapters.

Submission Link:

Submission deadline: July 31, 2026

Submission Guidelines - Non-Refereed Presentations

Non-refereed presentations are less formal than refereed papers and are reviewed by the Conference Technical Committee for inclusion in the program, but are not subject to the formal peer-review process as for refereed papers. Presentation format (ex: power point) is suitable —there is no need for a formal paper. Presenters need to submit an abstract first, and after notification of shortlisting, should prepare a presentation deck to

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facilitate a 15-minute presentation during the conference. All presenters of non-refereed presentations must register for the conference before the presentation is admitted in the final conference program.

Submission Link:

Submission deadline: July 31, 2026

Publication

All the technical papers presented in the conference will be included in the AeroSEC 2026 conference proceedings and will be published in INCOSE online digital library.

Authors of selected high quality papers will be invited to submit an enhanced version to INCOSE Systems Engineering Journal. The submitted papers will be subjected to the review process of the journal.

Contact

All questions about submissions should be emailed to

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AeroSEC 2026 - “Advancing Aerospace Through Scalable Systems Engineering”

About the conference

Welcome to the **AeroSEC 2026 Conference**, a confluence where Aerospace Systems Engineering (SE) experts, practitioners and young minds converge to collaborate, share best practices and innovative Systems Engineering life-cycle processes adoption, Technology & Tools ecosystem trends that are shaping the future of Aerospace and Defence.

AeroSEC 2026 is the first flagship event organised by INCOSE India in Bangalore dedicated to Aerospace, Defence, and Space Systems Engineering.

INCOSE India is organising a conference on **“advancing systems engineering for a complex and digital future”** in the month of November 2026. Inviting papers from Industry and Academia to share research, processes and best practices being followed across the domain.

Topics

- End-to-End Systems Engineering
- Revolutionizing Requirement Management in Aerospace, defence and space Systems Engineering
- System Engineering practices towards airworthiness certification
- Systems engineering on a day-to-day practice
- Systems Engineering on Aerospace, defence and space Technologies
- AI4SE & SE4AI
- Systems Engineering Tools and practices
- Digital Engineering / MBSE
- System Engineering Fundamentals
- System of Systems (SoS)

<have topic explanation in brochure only>

Important Dates

| | |
|-----------------------------------|-----------------------|
| Paper Submission Deadline | : 14 August 2026 |
| Notification for Paper Acceptance | : 30 September 2026 |
| Camera-Ready Submission | : 30 October 2026 |
| Conference Date | : 27-28 November 2026 |
| Conference Location | : Bangalore, India. |

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Publication:

Accepted papers will be published in the INCOSE portal, selected papers will be recommended for publication in Systems Engineering Journal.

Call for Papers

This call for papers invites contributions that explore methodologies, frameworks, case studies, modeling techniques, governance strategies, and digital transformation practices on systems engineering.

All papers must be submitted through our electronic submission system, **EasyChair**.

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<Change of Document>

<A separate document can be created for expansion of theme and topics>

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AeroSEC 2026 - Paper Preparation Guidelines

Advancing Aerospace Through Scalable Systems Engineering

1. Overview

This document provides instructions to assist authors in preparing technical papers for **AeroSEC 2026 – Aerospace Systems Engineering Conference**, organized by **INCOSE India**. The objective of these guidelines is to ensure high-quality, technically rigorous submissions and to improve the likelihood of acceptance through clarity, completeness, and adherence to conference standards.

Confidentiality and Data Usage

Information collected during the submission process will be used solely for submission management, peer review, program development, and conference promotional activities. This information will not be shared with third parties.

Peer Review Process

AEROSEC 2026 follows a **double-blind peer review process**:

- Author identities will be concealed from reviewers
- Reviewer identities will be concealed from authors

To support this process, **initial submissions must be fully anonymized**, with no references to:

- Author names
- Organizational affiliations
- Self-identifying citations or acknowledgments

The intent is to eliminate bias and ensure selection is based solely on technical merit. Each paper will be reviewed by **a minimum of two domain experts**.

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Submission Expectations

- Submissions must be **near-final technical manuscripts**
- Abstract-only or presentation-only submissions will **not** be reviewed
- Previously published papers are **not eligible**

Ethics and Originality

Proper attribution of sources is mandatory. Any form of plagiarism, including unattributed text or ideas, will result in immediate rejection.

Conference Participation Requirement

For accepted papers to be included in the final program:

- At least **one author must register and pay conference fees**
- The paper must be **presented during the assigned session** at AEROSEC 2026, Bangalore, India

2. Subject Matter and Scope

Submitted papers must directly align with the following:

Conference Theme

- Advancing Systems Engineering for a Complex and Digital Future

Conference Topics

- End-to-End Systems Engineering
- Revolutionizing Requirement Management in Aerospace, defence and space Systems Engineering
- System Engineering practices towards airworthiness certification
- Systems engineering on a day-to-day practice
- Systems Engineering on Aerospace, defence and space Technologies
- AI4SE & SE4AI
- Systems Engineering Tools and practices
- Digital Engineering / MBSE
- System Engineering Fundamentals

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- System of Systems (SoS)

Papers should demonstrate clear relevance to aerospace, defence and space systems engineering and are expected to:

- Present concepts that are **practically applicable**
- Provide sufficient technical evidence to support claims and conclusions
- Be complete enough to enable understanding of implementation, applicability, and limitations

3. Manuscript Format and Length

All manuscripts must be prepared using the **official conference paper template**. Submissions not aligned with the template or demonstrating poor formatting will be returned for correction prior to review.

While strict limits are not imposed, authors are encouraged to maintain technical conciseness:

| Element | Recommended Limit |
|--------------------|---|
| Total Paper Length | ≤ 11 typeset pages |
| Main Text | ≤ 4,500 words (excluding Abstract, Methods, References, Figure Legends) |
| Title | ≤ 20 words; must be technically precise and avoid idioms or informal phrasing |
| Abstract | ≤ 200 words |

4. Use of Artificial Intelligence Tools

Large Language Models (LLMs), including tools such as ChatGPT, do **not qualify for authorship**, as authorship implies accountability and responsibility for the work.

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Undisclosed or substantive use of LLM-generated content in manuscript preparation may result in rejection. Authors remain fully responsible for originality, technical accuracy, and integrity of submitted work.

5. Revised Manuscripts

For revised submissions, authors must:

- Submit all manuscript content as a **single consolidated file**
- Provide a **point-by-point response** addressing all reviewer comments
- Clearly highlight revisions made in response to feedback

6. Submission Checklist

Prior to submission, ensure the following:

Language and Quality

- Manuscript has been reviewed for grammar, clarity, and technical accuracy
- Papers with poor language quality may be rejected without review

References and Research Integrity

- All references are relevant and properly cited
- References are verified for accuracy and checked to ensure they have not been retracted
- Inclusion of retracted references may lead to rejection

Originality and Exclusivity

- Papers must be unique and novel.
- Manuscript is not under consideration elsewhere
- Duplicate submissions are not permitted

Terminology & Keywords

- All abbreviations and acronyms are defined at first use (even if defined in the abstract)

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- Select **3 to 5 keywords**
- Ensure keywords accurately reflect technical content to support reviewer assignment

Supplementary Material & Multimedia Content

- Supporting material (if applicable) is ready at submission time
- Video submissions allowed (maximum file size: **100 MB**)
- Videos must be submitted alongside the manuscript for peer review

Prior Rejection Disclosure

If the manuscript was previously rejected by another conference or publisher:

- Disclose this during submission
- Include prior reviewer comments, if available

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