CALL FOR PAPERS

Dear Researcher,

On behalf of the SPACE Organizing Committee, we take the opportunity to invite you to participate in this professionally enriching Technical Conference SPACE. SPACE is a premier interdisciplinary forum for space, aerospace, and defense experts, engineers, and researchers to come together to discuss the latest developments in designated technologies. The conference provides a platform for sharing cutting-edge research, exploring innovative approaches, and addressing the technical challenges facing the space, aerospace and defense industries. It is a well known fact that technologies used in Space, Aerospace and Defence can be used among these 3 domains with some improvement/modifications. The objective of SPACE is to create a platform where industry professionals and research scientists working across these domains, share, learn and collaborate. Scientists, Researchers and industry practitioners are encouraged to present their work and developments can be used across/at least in two of these domains. The conference covers all aspects of Space, Aerospace and Defence technologies (within IEEE’s field of interest). The conference program includes keynote presentations, technical sessions, workshops, and panel discussions, all aimed at fostering collaboration and driving innovation in aerospace and defense.

You are invited to submit your original research work in any of the following 3 tracks, which is most relevant to your work viz.: 1. Aerospace System Technologies, 2. Defence System Technologies, 3. Space System Technologies on following topics (but not limited to)

- Antenna/RF/Microwave/Payloads
- Communication/Networking
- Computing/Cyber security/IT/Software Engineering
- Mission Planning/Controls/Navigation/Guidance
- Embedded Systems/VLSI/RFCI/MMIC/Nanoelectronics
- EMI/EMC/ESD/HPM/Space Weather
- mm-wave/THz/5G/6G
- Power/Energy/Power Electronics
- Signal/Image/Data Processing
- Assembly, Integration & Testing/Checkout
- Robotics/ Automation /
- Sensors Electronics
- Ground Support Technologies
- Miniaturization technologies
- Technologies for Humanity
- Sustainable Technologies
- System Engineering
- Reliability/ Quality Assurance
- Photonics/ Electro-optics

Special Sessions:
- Nuclear Technologies
- Technologies for Human in Space
- AI/ML Technologies for SPACE
- SDR Technologies for SPACE
- Quantum Technologies for SPACE
- Women-led Technology Developments for SPACE

For Paper Submission and more details kindly visit: http://www.ieeespace.org/paper-submission/index.php

Important Dates

<table>
<thead>
<tr>
<th>Deadline</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last Date of Paper Submission</td>
<td>April 30, 2024</td>
</tr>
<tr>
<td>Last Date of Paper Submission in Special Session</td>
<td>May 15, 2024</td>
</tr>
<tr>
<td>Notification of Acceptance</td>
<td>May 31, 2024</td>
</tr>
</tbody>
</table>

Awards

SPACE Best Paper Award(Academia & Industry)

1st - ₹ 50,000, 2nd - ₹ 25,000, 3rd - ₹ 10,000

For additional papers one needs to pay additional INR 2000/paper.

For additional papers one needs to pay additional INR 2000/paper.

Delegates Fee (Excluding 18% GST):

<table>
<thead>
<tr>
<th>Delegate Category</th>
<th>Fee(INR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE AESS/APS/MTT/S Student Members</td>
<td>4800</td>
</tr>
<tr>
<td>IEEE Student Member</td>
<td>5200</td>
</tr>
<tr>
<td>Student-Non Member</td>
<td>5700</td>
</tr>
<tr>
<td>IEEE AESS/APS/MTT/S Members</td>
<td>7500</td>
</tr>
<tr>
<td>IEEE Member</td>
<td>8500</td>
</tr>
<tr>
<td>Non-Member</td>
<td>10000</td>
</tr>
</tbody>
</table>

Registration Fee includes registration kit, access to all technical sessions, exhibits, 2 lunches, 1 dinner and 4 sessions of Tea/Coffee. One can present one paper with one registration.

CALL FOR PAPERS

July 22-23, 2024
Sheraton Grand Bengaluru Whitefield Hotel & Convention Center

IEEE AESS Bangalore Chapter
International Advisory Committee

Dr. K Radhakrishnan
2009–2014 Secretary, DoS/Chairman ISRO, GoI

Prof. Kathleen Kramer
2025 IEEE President

Dr. Mark E Davis
2022–2023
IEEE AESS President

Dr. Abhay A Pashilkar
Director, CSIR–NAL

Dr. Subba Rao Pavuluri
President, SIA-India & Chairman & MD Ananth Technologies Ltd

Dr. Manoj Choudhary
VC, Gati Shakti
Vishwavidyalaya

Dr. Chris Schober
IEEE Division V Director

Dr. Don Tan
Northrop Grumman

Dr. Tapan Misra
DS & Former Director, SAC

Dr. M Annadurai
DS & Former Director, URSC

Dr. M Nagestwar Rao
DS & Former AD, URSC

Dr. D C Pande
OS & Former AD, LRDE

Prof. M V Kartikeyan
Director, IIITDM, Kanchipuram

Dr. Jitendra J Jadhav
DS & Director, ADA

Dr. Vinod Kumar
Director –
Promotion IN–SPACE, DoS, GoI

Shri A S Kiran Kumar
2015–2018 Secretary
DoS/Chairman ISRO, GoI

Prof. Saiful Rahaman
2023 IEEE President

Prof. Sabrina Greco
2024–2025
IEEE AESS President

Shri D K Singh
DS &AD, SAC, ISRO

Mr. Venkat Katkuri
Head of Airbus Defence & Space, India & South Asia

Dr. V V Srinivasan
OS & Former Director, ISTRAC, ISRO

Dr. Kamal Al-Haddad
IEEE Division VI Director

Dr. Manfred Schindler
IEEE VP–TAB

Dr. Surendra Pal
Ex–AD, URSC

Prof. Manoj Tiwari
Director, IIMM Mumbai

Dr. Alok Kumar Shrivastava
OS & Former AD, URSC

Dr P Radhakrishna
Former Director LRDE

Prof. Yashwant Gupta
Director, NCRA, TIFR, DAE

Shri R V Nadagouda
DD, ICA, URSC, ISRO

Dr. A K Singh
OS & Former Director, DLRL, DRDO

Prof. S N Singh
Director, IIITM Gwalior

Dr. Rob S Fish
2021–2022 Chair, IEEE Industry Engagement Committee

Dr. Aylin Yener
IEEE Division IX Director

Prof. Maurizio Bozzi
2024 President, IEEE MTT–S

Shri. Pankaj Kiledar
Director, MCF, ISRO

Mr. Dinanath Khokhar
Former SVP & Global Head, Partner Ecosystem & Alliances, TCS

Dr. John Barr
2002 IEEE MTT–S President and VC, IEEE Conference Committee

Prof. Lance Fung
IEEE R10, Director

Prof. Ashutosh Dutta
JHU, USA

Dr. Rajkumar Sharma
DS & Former Director, NRSC, ISRO

Mr. Ravikiran Annaswamy
2022–2023 President– IEEE TEMS

Dr. Kamaljeet Singh
Director, SCL, Chandigarh

Prof. Debatosh Guha
CU, MGA Chair, IEEE AP–S

Prof. K V S Hari
Director, CBR, IISc

Dr. Celia Desmond
President, World Class Telecommunications

Dr. Debabrata Das
Director, IIITB & Chair, IEEE India Council