



International Conference on Wireless Communication for Military Applications WiCOMM-2026

30-31 Oct 2026 • Venue : Taj Mussoorie Foothills, Dehradun • IEEE Conf. Record No. : 69954

Hosted By : Defence Electronics Applications Laboratory

Technical Co-Sponsor : IEEE Uttar Pradesh Section

In collaboration with Society of Wireless Communication Engineers

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About Conference

Defence Electronics Applications Laboratory in collaboration and technical sponsorship from IEEE Uttar Pradesh Section (which includes Uttarakhand state as well), is organizing an International Conference on Wireless Communication for Military Applications (WiCOMM-2026) at Dehradun from 30th to 31st Oct 2026. The conference focuses on secure, resilient and mission-critical wireless communication and surveillance technologies for defence applications.

The conference provides a platform for Defence Scientists, Armed Forces, Academia and Industry within and outside India to exchange ideas in next-generation defence communications and to get the reflection on the future roadmap of technologies.

Technical Tracks

Track 1 : RF and Optical Communication

- Non-Terrestrial Communication
- Free Space Optical Communication
- Microwave/ mm-Wave/ THz Communication
- EMI/EMC and Environmental Qualification

Track 2 : Computing Technologies and Applications

- Machine Learning for Communications
- Military usage of 5G/B5G/6G/ Next-Generation Networks
- Software Defined Networking
- Quantum Communications and Computing
- Cyber Security and Cryptography

Track 3: Devices, Packaging and Thermal Management

- Device Technology
- Packaging Innovation
- Thermal Management for Communication
- System Level Solution

Track 4 : Communication and Signal Processing

- Cognitive Radios
- Channel Modelling & New Generation Multiple Access
- Adaptive Signal Processing for Communications
- Speech, Audio and Language Processing
- Digital Beamforming Technology for Communication
- Anti-Jamming and Physical Layer Security
- Underwater Communication

Track 5 : Antenna, Phased Array & Meta Surfaces

- Next-Generation Antenna Systems
- Flexible and Wearable Antenna
- Advanced Phased Array and Beamforming
- Meta Surfaces and Reconfigurable Intelligent Surfaces

Submission Guidelines

- Paper submission link and guidelines are available at <http://drdo.res.in/WiCOMM2026/cfp.html>
- Paper submission link : <https://cmt3.research.microsoft.com/WiCOMM2026>
- All papers must comply to IEEE Paper Submission Guidelines.
- Authors are required to submit original, unpublished work that has not been submitted elsewhere.
- The manuscript must be 4-6 pages as per IEEE Conference format. Please download the template from <https://www.ieee.org/conferences/publishing/templates>.
- There is non tolerance policy for plagiarism. Plagiarism value must not be more than 10% of overall script. For more details refer IEEE web page for plagiarism.
- The final decision on paper acceptance lies with Conference Chair, based on recommendation from the Technical Program Committee and the evaluations provided by Reviewers.
- Accepted papers will be submitted to IEEE Xplore (subject to approval).

Important Dates

- Last date of Paper Submission** : 05-Aug-2026
- Notification of Acceptance** : 30-Aug-2026
- Camera ready paper submission** : 15-Sep-2026
- Last date for Exhibition/ Sponsorship/ Advt. proposal** : 30-Aug-2026
(Contact at info@swice.org.in)