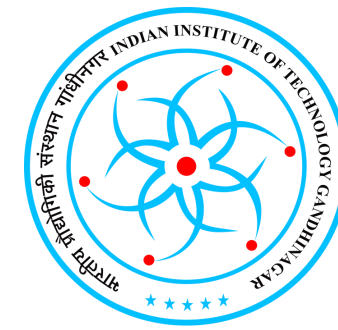




NCC 2022
24–27 May 2022

28th NATIONAL CONFERENCE ON COMMUNICATIONS



Jointly organised by

IIT Bombay, IIT Dharwad, IIT Gandhinagar, IIT Goa & IIT Indore

CALL FOR PAPERS

The Twenty Eighth National Conference on Communications (NCC-2022) will be jointly organized by IIT Bombay, IIT Dharwad, IIT Gandhinagar, IIT Goa and IIT Indore during 24–27 May 2022. The conference will be held virtually and will feature three symposia in the following areas:

COMMUNICATIONS

- Communication theory and systems
- Information theory
- Coding theory
- Wireless communications
- RF and microwave communications
- Satellite and space communications
- Optical communications
- Cognitive radio
- Energy harvesting and green communications
- Machine learning for communications
- 5G and beyond communication systems
- Edge communications
- Quantum communications and computing
- Molecular communications

NETWORKS

- 5G / next-generation networks
- Wireless and wireline networks
- Optical networks and systems
- Sensor and adhoc networks
- Complex networks
- Cyber-physical systems / IoT
- Biological networks
- Social networks
- Decentralized trust networks
- Data center and cloud networks
- Networks and services management
- Performance analysis and Evaluation
- Security and Privacy

SIGNAL PROCESSING

- Signal processing for communications
- Image and video signal processing
- Multimedia applications
- DSP algorithms and architectures
- Speech and audio processing
- Biomedical applications
- Language identification
- Machine learning and deep learning
- Representation learning and pattern recognition
- High dimensional signal processing
- Stochastic Optimisation
- Sparse signal processing
- Graph signal processing
- Applications in astronomy/astrophysics

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PAPER SUBMISSION

Prospective authors are invited to submit original technical papers for publication in the NCC 2022 Conference Proceedings and for presentation at the Conference. All manuscripts will be double-blind reviewed for technical content and scope by a technical program committee. All submissions should be written in English with a maximum page length of SIX (6) printed pages. Papers should be in PDF format, two columns, (minimum 10-point font) or greater. NCC 2022 will be held online. **The paper submission process will be handled through EDAS at <https://ncc2022.edas.info/>** In the recent past, NCC has been technical sponsored by IEEE Communication Society. This year also we have applied for IEEE Communication Society Sponsorship. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. **Conf. Website:** <https://www.ee.iitb.ac.in/~ncc2022/>
Past Conferences:

NCC 2021 (<https://www.iitk.ac.in/ncc2021/>)

NCC2020 (<http://www.ncc2020.iitkgp.ac.in/>)

NCC2019 (<https://ece.iisc.ac.in/~ncc2019/>)

NCC2018 (<https://www.iith.ac.in/~ncc2018/>)

NCC2017 (<http://www.ee.iitm.ac.in/ncc2017/>)

IMPORTANT DATES

Paper Submission Deadline: February 11, 2022 (original), February 25, 2022 (revised), March 4, 2022 (Final)

Final Firm Deadline, March 18, 2022

Acceptance Notification: April 11, 2022