

INDIACom – 2024

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on

Computing for Sustainable Global Development

(28th February – 01st March, 2024)



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Paper Submission Link: <http://bvicam.ac.in/indiacom/submitPaper.asp>

Special Session ID (SSID): 3.04

Special Session: Emerging Trends and Security Challenges in Intelligent Systems

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We are delighted to intimate you that after the resounding success of past editions of INDIACom, since its inception in 2007; **INDIACom-2024**; 18th INDIACom; 2024 11th International Conference on Computing for Sustainable Global Development, technically approved by IEEE Delhi Section and supported and promoted by GGSIP University, New Delhi, IETE Delhi Centre, ISTE Delhi Section, CSI Div – II, IV & CSI Delhi Chapter and IET Delhi Local Networks to be held during **28th Feb. – 01st March, 2024** at Bharati Vidyapeeth, New Delhi (INDIA). On the occasion of **INDIACom-2024**, a special session on “Emerging Trends and Security Challenges in Intelligent Systems” will be conducted by **Dr Shuchi Sethi and Dr Alka Chaudhary** as session chairperson. Please visit <http://www.bvicam.ac.in/indiacom/specialSessions.asp> for more details.

About the Special Session

In this dynamic and rapidly evolving era, where the fusion of intelligent systems with our daily lives becomes increasingly seamless, we find ourselves at the nexus of innovation and responsibility. We aim to explore the groundbreaking developments and critical security considerations that define this landscape. The world of intelligent systems is continuously evolving and experiencing a revolution. As we navigate this exciting terrain, let us delve deeper into the emerging trends that promise to reshape industries, enhance user experiences, and revolutionize the way we interact with technology. This session will feature researchers and experts who will share their insights, research findings, and predictions for the future. The society needs to be equipped with the knowledge needed to harness the full potential of intelligent systems. As we celebrate the immense possibilities that intelligent systems offer, it is important to acknowledge the growing concerns surrounding security and privacy. As these systems become more intertwined with our daily routines and critical infrastructures, they present new attack surfaces and vulnerabilities.

Applications of AI are very versatile which include deployment of artificial intelligence at the edge of networks to revolutionize the Internet of Things (IoT) to enable real-time processing, decision-making in devices, improving efficiency, responsiveness, and reducing the need for constant data transmission, in healthcare, in NLP(Natural Language Processing) etc. Ethical AI is another emerging field where AI fairness, transparency, and accountability mechanisms are ensured. The security challenges that emerge from reliance on intelligent systems are ever evolving too. To overcome those challenges a few initiatives have been taken such as AI-powered threat detection, proactive risk assessment, and the use of machine learning to identify and mitigate security breaches, blockchain for transparency and tamper-proof records, biometric authentication, behavioral analysis, advances in compliance frameworks and auditing mechanisms etc.

We are looking for original contributions in “Emerging Trends and Security Challenges in Intelligent Systems (ETSIS)”. The expected topics of interest include, but not limited to emerging and new trends in Intelligent Systems:

- Advances in Machine Learning and Deep Learning
- Trends in Natural Language Processing (NLP)
- Applications of AI in Healthcare
- AI for Autonomous Systems, games and simulation
- Ethics in AI
- AI-driven Business Intelligence and Analytics
- Intelligent Tutoring Systems
- AI Hardware and Accelerators
- Edge AI and IoT Devices
- Network Automation
- AI in MANETs
- Network Security
- Cybersecurity for Intelligent Systems
- Ethical AI Frameworks
- Blockchain and Distributed Ledger Technology
- AI-driven Authentication
- Quantum Computing and AI

Paper Submission

Authors from across different parts of the world are invited to submit their papers. Authors wishing to submit their papers must refer to the website, for paper structuring and formatting guidelines in detail, at <http://www.bvicam.ac.in/indiacom/Technical%20Guidelines.asp>. Authors should submit their papers online at <http://www.bvicam.ac.in/indiacom/submitPaper.asp>. Unregistered authors should first create an account on <http://www.bvicam.ac.in/indiacom/addMember.asp> to log on and submit paper. Only electronic submissions will be considered. Papers submitted by e-mail will not be considered.

Steps to submit the Paper in the Special Session of INDIACom-2023:

1. Register at web-portal at <http://www.bvicam.ac.in/indiacom/login.asp> and obtain the Membership ID (MID), which is free of cost.
2. Login with MID and Password at <http://www.bvicam.ac.in/indiacom/loginReqSubmitPaper.asp>.
3. Click on **Submit Paper** tab:
 - a. Select the event as **"INDIACom-2024"**.
 - b. Select desired track **"Track#3: High Speed Networking and Information Security"**.

- c. Select the **Special Session** as “**3.4: Emerging Trends and Security Challenges in Intelligent Systems (ETSIS)**” from the list and write title of the paper.
 - d. Upload the actual paper (MS-Word compatible format either in .doc and .docx).
 - e. Write the MIDs of all the authors/co-authors and select the Radio button corresponding to the MID of the author/co-author to make him a **Corresponding Author**.
4. Click the **Submit** Button; a unique Paper ID (PID) will be auto-generated for that paper. The confirmation of paper submission will be communicated through email and SMS.

Review Process, Publication and Indexing

The conference aims at carrying out two rounds of review process. In the first round, the papers submitted by the authors will be assessed on the basis of their technical suitability, scope of work and plagiarism. The corresponding authors of qualifying submissions will be intimated for their papers to be double blind reviewed by three experts on the basis of originality, novelty, clarity, completeness, relevance, significance and research contribution. The shortlisted papers of all the tracks (Track 1 - Track 5) will be accepted for presentation and publication in the Soft Copy of Conference proceedings, bearing ISBN 978-93-80544-48-9 serial, on the website. *INDIACom-2024 is approved by IEEE's Conference Publication Program (CPP)*. This means that the Conference proceedings of accepted papers (for oral presentations), **which will be presented in the conference**, will be submitted for possible consideration and inclusion in **IEEE Xplore** subject to their own quality check for publication and indexing, which is indexed with world's leading **Abstracting & Indexing (A&I)** databases, including **ISI, SCOPUS, DBLP, EI-Compendex, INSPEC, Google Scholar**, etc.

Extended version of the selected papers will also be recommended to be published in the following Journals:

1. **International Journal of Information Technology (BJIT)**, ISSN: 2511-2104 (Print Version); ISSN: 2511-2112 (Electronic Version), published by **Springer Nature**, indexed at **Scopus, DBLP, INSPEC, CNKI, OCLC, Google Scholar**, etc. and enlisted in the UGC List of approved Journals. Details of which is available at <https://www.editorialmanager.com/BJIT/default.aspx>.
2. **Wireless Communications and Mobile Computing**, ISSN - 1530-8669, published by Hindawi, indexed at **Scopus**, etc. Details of which is available at <https://www.hindawi.com/journals/wcmc/>.
3. **International Journal of Ambient Computing and Intelligence (IJACI)**, ISSN - 1941-6237, published by IGI-Global, indexed at **Scopus, ACM, EI Compendex**, etc. Details of which is available at <http://www.igi-global.com/journal/international-journal-ambient-computing-intelligence/1110>.
4. **Advances in Multimedia**, ISSN - 1687-5680, published by Hindawi, indexed at **Web of Science, Scopus, ACM, DBLP, INSPEC**, etc. Details of which is available at <https://www.hindawi.com/journals/am/>.
5. **Network Protocols and Algorithms**, ISSN - 1943-3581. Indexed at **ProQuest, DBLP, INSPEC, EBSCO**, etc. Details of which is available at <http://www.macrothink.org/journal/index.php/npa/index>.
6. **Australian Journal of Intelligent Information Processing Systems**, ISSN 1321-2133, indexed at **INSPEC, Ranked B by Australian Government**. Details of which is available at <http://ajiiips.com.au/new/index.html>.
7. **Journal of Affective Computing and Human Interfaces**, ISSN - 2837-4622, published by IGI-Global. Details of which is available at <https://www.igi-global.com/journal/journal-affective-computing-human-interfaces/317944>.

Important Dates

Submission of Full Length Paper	30 th Nov, 2023	Paper Acceptance Notification	16 th Jan, 2024
Submission of Final Copy of the Paper	31 st Jan, 2024	Registration Deadline (Early Bird)	31 st Jan, 2024

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