6th International Conference Futuristic Trends in Networks and Computing Technologies (FTNCT'06)
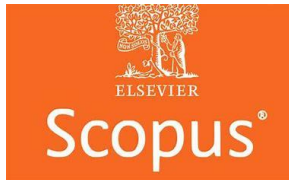
Date of Conference: 23-24th December, 2024
VENUE: IEI, Dehradun, Uttrakhand, India

Conference Website : www.ftnct.com

Important dates

Submission of Full Papers Deadline	15 October, 2024
Notification of Acceptance Deadline	15 November, 2024
Registration Deadline	10 December, 2024
Conference Dates	23-24th December, 2024

Submission Link; https://cmt3.research.microsoft.com/FTNCT2024
All accepted papers will be published in Procedia Computer Science Journal, Elsevier (Scopus Indexed)
https://www.journals.elsevier.com/procedia-computer-science

CALL FOR PAPERS

Procedia Computer Science is indexed in Scopus, the Web of Science, ACM, INSPEC, and Engineering Village. All published papers in Procedia Computer Science are freely available on the Elsevier content platform ScienceDirect (www.sciencedirect.com).

Submission Through Microsoft Submission Toolkit (CMT). Kindly use below link to upload your manuscript. [https://cmt3.research.microsoft.com/FTNCT2024]

Download Procedia Computer Science (Template)

http://ftnct.com/downloads.php

Special Session	Session Code: SS04
Special Session Chairs	**Dr Ashutosh Sharma, Henan University of Science and Technology, China**
Session Chair Email	ashutosh@haust.edu.cn
Title of Special Session	Integrating AI, Reliability Engineering, and Security in Modern Computer Networks and Information Systems
Keywords	Computer Networks, Reliability Engineering, Risk Management, Network Security, Artificial Intelligence
Topics/ Sub-topics	This special session seeks to address the multifaceted challenges and innovations at the intersection of computer networks, information management, and emerging technologies. The focus will be on exploring the application of Artificial Intelligence (AI) and Machine Learning (ML) in enhancing network performance, reliability, and security. Discussions will include how AI and ML can be employed to optimize network operations, predict and mitigate risks, and improve overall system reliability. Additionally, the session will delve into

Reliability Engineering and Risk Management practices, emphasizing their critical role in ensuring the robustness and stability of networked systems.

Another key aspect of the session will be to examine the integration of advanced security measures into network systems to protect against vulnerabilities and threats. The session will also cover the latest advancements in Information Management and Systems, focusing on how they interact with and support network infrastructure. By bringing together these diverse topics, the session aims to provide a holistic view of how modern technologies and methodologies can be leveraged to create more reliable, secure, and efficient computer networks and information systems.

Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to:

Theme 1 - Network and Computing Technologies and related topics.

Theme 2 – Wireless Networks and Internet of Things (IoT) and related topics.

Theme 3- Futuristic Computing Technologies and related topics.

Theme 4– Communication Technologies, Security and Privacy and related topics.

Sub-Topics:
- **Application of AI and ML in Enhancing Network Performance and Reliability**
- **Reliability Engineering Practices for Robust Network Systems**
- **Risk Management Strategies in Computer Networks and Information Systems**
- **Advanced Security Techniques for Network System Protection**
- **Innovations in Information Management and Their Impact on Network Infrastructure**
- **Case Studies: Integrating AI, Reliability, and Security in Real-World Applications**

Conference Contact; { ftnct2018@gmail.com}, **Whatsapp Only (+91-8920199069**)

ORGANISED BY

CYBER SECURITY RESEARCH LAB, INDIA
&
ASIA EASTERN UNIVERSITY OF SCIENCE AND TECHNOLOGY, TAIWAN
(Academic Partner)

LINK OF PAST FIVE PROCEEDINGS;
https://link.springer.com/book/10.1007/978-981-13-3804-5
https://link.springer.com/book/10.1007/978-981-15-4451-4
https://link.springer.com/book/10.1007/978-981-16-1483-5
https://link.springer.com/book/10.1007/978-981-16-1480-4
https://link.springer.com/book/10.1007/978-981-19-5037-7