

**6th International Conference Futuristic Trends in Networks and Computing Technologies
(FTNCT'06)**

Date of Conference: 23-24th December, 2024

VENUE: Graphic Era Hill University (GEHU), Haldwani Campus, Uttarakhand, India



Conference Website : www.ftnct.com

Important dates

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| Submission of Full Papers Deadline | 20 November, 2024 |
| Notification of Acceptance Deadline | 30 November, 2024 |
| Registration Deadline | 10 December, 2024 |
| Conference Dates | 23-24 th 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>

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| Special Session | Session Code: SS12 |
| Special Session Chairs | Dr. Hari Mohan Rai, Gachon University, South Korea |
| Session Chair Email | drhmrai@gachon.ac.kr |
| Title of Special Session | Advanced Optimization Techniques and Algorithmic Innovations in High-Performance Computing Systems. |
| Keywords | Optimization Techniques in Computing, Machine Learning for Optimization in Computing, Algorithmic Innovations in Performance Computing. |
| Topics/ Sub-topics | This special session aims to explore cutting-edge advancements in optimization techniques and algorithmic innovations tailored for high-performance computing (HPC) systems. The session will cover a range of topics, including novel algorithms designed to enhance computational efficiency, reduce execution times, and improve scalability in HPC environments. Participants will delve into various optimization strategies that address the unique challenges of high-performance systems, such as parallelism, load balancing, and resource management. |

Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to: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

1. Novel Optimization Algorithms for Enhancing HPC Performance and Efficiency
2. Parallel Computing Strategies: Techniques for Effective Load Balancing and Resource Utilization
3. Algorithmic Innovations for Scalability in High-Performance Computing Systems
4. Case Studies: Practical Applications of Optimization Techniques in Scientific and Engineering Computations
5. Emerging Trends and Future Directions in HPC Optimization and Algorithm Design
6. Benchmarking and Performance Evaluation of Advanced Optimization Techniques in HPC

Conference Contact: { fnct2018@gmail.com }, Whatsapp Only (+91-8920199069)

ORGANISED BY

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&

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