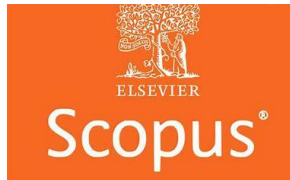# 6th International Conference Futuristic Trends in Networks and Computing Technologies (FTNCT'06)

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)

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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Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to: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; { ftnct2018@gmail.com}, **Whatsapp Only (+91-8920199069)**

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