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: SS07**
Special Session Chairs	Dr. Harikesh Singh, JSSATEN, Noida, India
Session Chair Email	harikeshsingh@yahoo.co.in
Title of Special Session	Leveraging AI, Machine Learning, and Data Science in Grid and Cloud Computing Environments
Keywords	Grid Computing, Cloud Computing, Artificial Intelligence, Machine Learning, Data Science
Topics/ Sub-topics	This special session focuses on the integration of Artificial Intelligence (AI), Machine Learning (ML), and Data Science within grid and cloud computing frameworks. The session will explore how AI and ML techniques are being utilized to enhance the efficiency, scalability, and performance of grid and cloud computing systems. By applying advanced algorithms and data analysis methods, participants will learn how to optimize resource allocation, improve data management, and support complex computational tasks in these environments.

	Additionally, the session will cover the role of Data Science in extracting actionable insights from vast amounts of data generated by grid and cloud systems. Emphasis will be placed on real-world applications and case studies that demonstrate how AI, ML, and data analytics can be leveraged to solve pressing challenges and drive innovation in cloud and grid computing. Through detailed discussions and practical examples, attendees will gain a deeper understanding of how these technologies intersect and can be effectively applied to enhance computing capabilities. Original unpublished articles are invited for submission to following tracks including the following themes and topics, but are not limited to: **Theme 1 - Network and Computing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. **AI and ML Techniques for Optimizing Grid and Cloud Computing Performance** 2. **Data Science Applications in Managing and Analyzing Cloud and Grid Data** 3. **Enhancing Resource Allocation and Efficiency with AI in Cloud Environments** 4. **Case Studies: Real-World Implementations of AI and ML in Grid Computing** 5. **Integrating Data Science with Cloud Computing for Advanced Analytics** 6. **Future Trends and Challenges in AI, ML, and Data Science within Computing Frameworks**

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

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