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Special Issue

AI and Machine Learning for Real-Time Communication and Multimedia Services

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About the Special Issue

Communication and Multimedia services in real-time have been advanced regularly and it contributed a trifling role in everyday life. Here, Real-Time Communication (RTC) is used for live transmission of data with no delay, which can be spontaneous with minimum latency. Since, the performance of RTC is measured by Quality of Service (QoS), Bandwidth, Throughput, etc. the delivery of services can be even enhanced with the implementation of continuous intelligent learning and optimized planning. With the help of Artificial Intelligence (AI) & Machine Learning (ML), data can be rerouted dynamically in real-time even when the data traffic is high in specific routes. ML understands the real-time services and helps in envisioning the bottleneck and feasible routes to make the transmission to be carried without delay. Whereas, AI can identify the networks and prioritize the queued data with the help of already processed data or information.

This special issue titled "AI and Machine Learning for Real-Time Communication and Multimedia Services" will provide us an opportunity to discuss the various methods, aspects, and concepts implementing AI and Machine learning in Real-time environment.

Suggested Topics

Papers are welcomed on the following topics but not confined to:

- AI for real-time emotion and speech analytics
- ML for real-time fraud detection in communication sector
- Conflicts of AI in real-time based services
- Advantages of relying on AI for a real-time communication environment
- Significance of machine learning for real-time multimedia services in education and training
- Emerging real-time applications of ML
- Comparative survey on Multimedia & Cognitive Informatics
- Persuasive computing in intelligent multimedia and communication
- Security and Privacy based survey in real-time services for multi objective optimization
- Real-time communication and multimedia service in healthcare
- ML for streaming and real time data system

Important Dates

25 May 2020
Paper Submission Deadline

15 August 2020
Author notification

15 October 2020
Revised papers submission

20 December 2020
Final Acceptance

Author guidelines and online paper submission form available at www.ijimai.org