Special Issue

Clustered Federated Learning for Networks

Message from the Guest Editors

This Special Issue of Future Internet, "Clustered Federated Learning for Networks," aims to gather cutting-edge research on federated learning, with a particular emphasis on clustering techniques and their application in networked systems. As privacy concerns and data regulations become increasingly stringent, federated learning emerges as a crucial paradigm that enables collaborative machine learning without compromising data privacy. Clustering techniques further enhance this capacity by improving efficiency, reducing communication costs, and enabling personalized models for heterogeneous participants. We invite researchers and practitioners to submit original research articles, comprehensive reviews, and insightful case studies that tackle current challenges, propose innovative solutions, and outline future research directions in clustered federated learning for networks. We invite submissions covering the following areas (but not limited to) the following areas:

- Algorithmic Innovations
- Privacy & Security
- System Optimization
- Network Applications
- Performance Analysis

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Deadline for manuscript submissions

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Future Internet

About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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