



Edge-Cloud Computing and Federated-Split Learning in the Internet of Things

Guest Editors:

Prof. Dr. Qiang Duan

Information Sciences and
Technology Department,
Pennsylvania State University,
Abington, PA 19001, USA

Prof. Dr. Zhihui Lu

School of Computer Science,
Fudan University, Shanghai
200433, China

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Message from the Guest Editors

This Special Issue aims to present the latest research advances in this interdisciplinary field of edge-cloud computing and federated-split learning. The Special Issue covers, but is not limited to, the following topics:

- Algorithms for federated learning in edge-cloud computing;
- Model aggregation for federated learning;
- Communication-efficient federated learning;
- Client incentive and selection in federated learning;
- Decentralized framework architecture of federated learning;
- Split learning algorithms and frameworks;
- Split learning upon an edge-cloud computing platform;
- Split learning performance evaluation and improvement;
- Combining federated learning and split learning;
- Hybrid federated-split learning frameworks upon an edge-cloud computing platform;
- Privacy and security issues of federated and split learning;
- Applications of federated and split learning in IoT;
- Blockchain-assisted federated and split learning;
- Resource management in edge-cloud computing for supporting federated and split learning.





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Editor-in-Chief

Prof. Dr. Gianluigi Ferrari

Department of Engineering and
Architecture, University of Parma,
Parco Area delle Scienze, 181/A,
43124 Parma, Italy

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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Future Internet Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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