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Federated Machine Learning: Concept and Applications

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Liang Yang, Yang Liu, Tianjian Chen, Yongxin Tong

This paper studies federated learning (FL), a privacy-preserving framework where decentralized devices collaboratively train models without sharing raw data. It introduces horizontal, vertical, and transfer FL variants, addresses challenges like data heterogeneity and security, and highlights applications in healthcare, finance, and IoT.

Shing-Tung Yau

President of the International Congress of Basic Science