Special Issue

Machine Learning for Communications

Message from the Guest Editor

This Special Issue will focus on ML solutions to address problems in communication networks, cutting across various network layers, protocols, applications, and artifacts. Novel algorithms and analyses of learning-based approaches with applications to communication networks are highly encouraged. This Special Issue will accept unpublished original papers and comprehensive reviews focused (but not restricted) on the following research areas: - Traffic engineering; - Routing algorithms; - Congestion control; - Communication network resource management; - Network optimization; - Software-defined networks; - Content distribution networks; - Cloud and edge computing; - Self-driving networks; - Network security; - Crowdsourcing/sensing systems; - Blockchain.

Guest Editor

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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Editor-in-Chief

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