Special Issue

Cloud and Fog Radio Access Networks: Information, Communications, Inference and Learning Theoretic Views

Message from the Guest Editors

Cloud radio access networks (C-RAN) emerge as appealing architectures for next-generation wireless/cellular systems whereby the processing/decoding is migrated from the local basestations/radio units (RUs) to one, or multiple. control/central units (CU) in the "cloud". This is the basic network feature of future cell-less wireless technology. Fog radio access networks (F-RAN) address the case where the RUs are enhanced by having the ability of local caching of popular contents. This special issue is focused on the information-theoretic and communications aspects of such networks. This special issue of the Entropy journal is planned to focus on Information and Communications Theoretic aspects and views that are associated with the general framework of C-RAN, F-RAN, and Information Bottleneck (IB).

Guest Editors

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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.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

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