Special Issue

Channel Modeling in Terahertz Wireless Communications: Information Theoretic Perspectives

Message from the Guest Editors

This Special Issue invites contributions that explore the intersection between THz channel modeling and information theory. Topics of interest include novel channel models, capacity analysis, coding and modulation strategies, secrecy and covert communications, the impact of hardware impairments, and joint communication–sensing paradigms, with emphasis on theory, simulation, and experimental validation.

- terahertz (THz) wireless channel modeling
- information-theoretic capacity analysis
- ultra-massive MIMO and beamforming
- blockage and beam misalignment effects
- hardware constraints
- THz system design

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.

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