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D2D Communications for 5G and Beyond

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Message from the Guest Editors

Device-to-device (D2D) communications operating within cellular networks are among the enabling technologies for 5G systems and many of their applications. Their advantages include enhanced spectral efficiency, better resource utilization, reduced power consumption, and decentralized control. However, the emergence of novel network architectures (e.g., cell-less) and innovative techniques for adapting the wireless medium demand new approaches for embedding D2D into these emerging wireless connectivity environments.

This Special Issue solicits the submission of high-quality and unpublished papers from academia and industry that aim to solve open technical problems or challenges in the context of D2D communications for cellular 5G+ networks and for cell-less architectures. Original and innovative contributions on all aspects, both theoretical and experimental, are welcomed.



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Special Issue



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Message from the Editor-in-Chief

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