



Mobile Cloud Computing

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Message from the Guest Editors

The integration between mobile and cloud triggered the discipline of Mobile Cloud Computing (MCC). MCC is somewhat synonymous with Edge Computing and Fog Computing. The Internet of Things (IoT) and Cyber-Physical Systems (CPS) have utilized MCC to seamlessly integrate mobile sensors/actuators with cloud-centric management systems. Big Data analytics systems have utilized MCC to acquire various data related to people and urban objects. Ambient Assist Living (AAL), aged/eldercare or mobile-health systems have utilized MCC to provide real-time human activities analytics and event detection. MCC has become a core enabler of various information systems, from transport, health to agriculture, while continuing to raise many research challenges derived from the dynamic nature of mobile network environments (e.g., connectivity, mobility) and the constraint resources of mobile devices (e.g., hardware limitations, battery life). This Special Issue aims to discuss the state-of-the-art in mobile cloud computing, including architecture design, emerging technologies, software engineering approaches, adaptation and optimization solutions, novel MCC applications and so forth.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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