Special Issue

Configurable Computing Systems for Enhanced Industrial Communication

Message from the Guest Editor

Configurable computing systems refer to hardware and software platforms that can be customized to meet specific needs and requirements. These systems are increasingly being used to enhance industrial communication, enabling more efficient and effective data transfer and processing in industrial settings. In the context of industrial communication, configurable computing systems can be used to create customized interfaces between various industrial devices, such as sensors, actuators, and controllers. By configuring these systems to meet the specific needs of the industrial process, organizations can optimize the flow of data and improve the overall efficiency of their operations. This Special Issue welcomes theoretical papers, methodological studies, and empirical research (or combinations thereof) on the usage of configurable computing systems to enable the Industrial Internet of Things and sustainable wireless sensor network, to improve network security, reliability, and availability, and scheduling mechanisms to fulfil timing and reliability requirements dictated by industrial applications.

Guest Editor

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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