



Heterogeneous and Parallel Computing for Cyber Physical Systems

Guest Editors:

Dr. Achyut Shankar

Department of Cyber Security,
University of Warwick, Coventry
CV4 7AL, UK

Dr. Zahid Akhtar

Department of Network and
Computer Security, State
University of New York
Polytechnic Institute, C135,
Kunsela Hall, Utica, NY 13502,
USA

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Message from the Guest Editors

Dear Colleagues,

Over the years, researchers have made breakthrough developments in the fields of science and engineering. One such development is cyber-physical systems, which are nothing but an extension of the Internet of Things (IoT). They blend both physical and computational capabilities such as control, computation, and communication for designing and developing hybrid electric vehicles, biomedical systems, space vehicles, autonomous cars, prostheses, etc.

The cyber-physical system acts as a platform amalgamating information systems and networked services in a virtual environment. This system also collects a huge amount of data to solve problems while building well organized social networking systems. However, the merging of various subsystems increases the functional and operational time. It also increases the complexity and cost due to the usage of advanced devices such as multicore processors, sensors, actuators, and wireless communication devices. This Special Issue offers a platform for researchers and practitioners to develop new conceptual models for cyber-physical systems based on heterogeneous and cloud computing.





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Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
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