

## Special Issue

# Heterogeneous and Parallel Computing for Cyber Physical Systems

### Message from the Guest Editors

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.

### 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

### Deadline for manuscript submissions

closed (15 August 2023)



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*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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