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Advances in Control for Nonlinear Cyber–Physical Systems

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Message from the Guest Editors

This Special Issue (SI) is intended to present scholarly papers that address critical questions arising from cyber–physical systems (CPS). CPS has emerged as a unifying name for systems where the cyber parts, i.e., the computing and communication parts, and the physical parts are tightly integrated, both at the design time and during operation. Such systems use computations and communication, deeply embedded in and interacting with physical processes, to add new capabilities to physical systems. These cyber–physical systems range from the miniscule (pacemakers) to the large-scale (a national power-grid). There is an emerging consensus that new methodologies and tools need to be developed to support cyber–physical systems. Therefore, we have launched this SI to seek high-quality original research papers and survey papers that advance the scientific and technological understanding of the interactions involved in information processing, networking and physical processes

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Message from the Editor-in-Chief

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