Special Issue Intelligent Microdevices

Message from the Guest Editors

Due to emerging technology in Artificial Intelligence and Electric Vehicles, integrated micro/nanoelectromechanical sensors and systems with intelligent algorithm represent an area of intense research intelligent microdevices. Various algorithms such as anomality detection, predictive maintenance, remaining useful lifetime prediction, etc., are part of the desired design features of intelligent microdevices. One of the most interesting applications concerns the development of intelligent microdevices aimed at selfcalibrating (e.g. for processes, temperature, power supply) within sophisticated sensorial systems. Accordingly, this Special Issue seeks to showcase research papers and review articles that focus on novel methodological developments in the field of fabrication of micro/nano-electromechanical systems and the design of the related smart electronics.

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