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Chipless RFID Technologies

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Message from the Guest Editors

Dear Colleagues,

The scientific research and industrial applications dealing with Radio Frequency Identification (RFID) have been growing at a fast pace in the last few years. A new technological paradigm has been recently proposed to realize RF labels and sensors: The chipless RFID.

This Special Issue is intended to report the recent advances in new chipless RFID tag solutions and innovative sensors, chipless reader, robust and reliable tag/sensor reading processes, algorithms for improving the system performance.

Articles in this Special Issue will address topics that include: Novel chipless RFID tags and sensors realized with ink-jet printing, additive manufacturing and dielectric resonators; chipless sensors for extreme environments; security and anticounterfeiting applications, algorithms and procedures for calibration and reliable reading.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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