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State-of-Art in Transient Electronics

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Message from the Guest Editors

With the linear economy that prevails, our modern digital technologies continue to generate alarming quantities of electronic waste (e-waste). With the potential to profoundly transform the lifecycle of electronic systems, transient electronics might bring new solutions in order to switch to a more circular economy and to reduce the uncontrollable growing rate of e-waste.

The ambition of this special issue is to provide a comprehensive collection to advance the current state-of-the-art in transient/biodegradable/"green" electronics. We invite you to contribute with original research papers and review articles. Submissions can span all aspects of the field: From materials that can serve as dissolvable substrates for electronics, to degradable core components (e.g., transistors, antennas, solar cells, batteries, etc.), to the system level (e.g., full degradable sensors or modules). All applicative contexts are also welcome (e.g., biomedical implants; sensors for agriculture, RF tags for food packaging, etc.).



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Message from the Editor-in-Chief

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