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Advances and Challenges in Organic Electronics

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Deadline for manuscript submissions:

closed (31 December 2019)

Message from the Guest Editors

Dear Colleagues,

Organic Electronics is a rapidly evolving multidisciplinary research field at the interface between Organic Chemistry and Physics. Organic Electronics is based on the use of the unique optical and electrical properties of π -conjugated materials that range from small molecules to polymers. The wide activity of researchers in Organic Electronics lies in the fact the potential is huge and the list of potential applications almost endless. Application of these electronic and optoelectronic devices range from Organic Field Effect Transistors (OFETs) to Organic Light Emitting Diodes (OLEDs) and Organic Solar Cells (OSCs), sensors, etc.

We invite colleagues to contribute to this Special Issue on the aforementioned concepts and keywords. The goal for this Special Issue is to describe the recent developments of this rapidly developing interdisciplinary research field. Full papers, communications, and reviews are all welcome.

Dr. Frédéric Dumur
Prof. Fabrice Goubard
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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