



Advances in Organic and Hybrid Opto-Electronics

Guest Editor:

Dr. José-Luis Maldonado

Research Group of Optical Properties of Materials (GPOM), Centro de Investigaciones en Óptica (Optical Research Center), A.P. 1-948, 37150 León, Guanajuato, Mexico

Deadline for manuscript submissions:
closed (8 April 2022)

Message from the Guest Editor

Dear Colleagues,

This Special Issue will focus on an interdisciplinary approach where chemistry, physics, material sciences, optics and engineering disciplines are combined to address the fundamental aspects of organic and hybrid opto-electronic materials and their integration in electronic devices. The topics of interest for publication include but are not limited to:

- New conjugated building blocks and new synthetic approaches to organic and hybrid semiconductors;
- Synthesis of new π -functional organic materials: from small molecules to polymers;
- Supramolecular control in organic and hybrid semiconductors;
- Novel photo-physical and electrical phenomena of organic and hybrid devices;
- New trends in electroluminescent devices (WOLED, SMOLED, TADF, etc.);
- Progress in organic and hybrid solar cells (OSCs, DSSC and PSCs, new concept devices);
- Organic electronics for biological applications (sensing, biointegration, electronic skin, etc.);
- Industrial processing of organic and hybrid electronic devices (printed & flexible electronics);
- Theoretical calculations in organic and hybrid electronics;
- Nanoelectronics.





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Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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Energies Editorial Office
MDPI, Grosspeteranlage 5
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