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## Advances in Thermoset Materials

Guest Editors:

**Dr. Silvia De la Flor López**

Department of Mechanical Engineering, Universitat Rovira i Virgili, Av. Països Catalans, 26, 43007 Tarragona, Spain

**Prof. Dr. Angels Serra**

Department of Analytical and Organic Chemistry, Faculty of Chemistry, University Rovira i Virgili, C/ Marcel·lí Domingo s/n, N4, 43001 Tarragona, Spain

Deadline for manuscript submissions:

**closed (31 December 2020)**

### Message from the Guest Editors

Up to now, the applications of thermoset materials has spread from conventional to advanced materials. This Special Issue aims to present new research toward improving all types of thermosets, especially those designed for advanced technologies. Potential topics include, but are not limited to:

- Advances in curing processes, such as dual curing or frontal polymerization, for new processing technologies;
- Innovations in processing technologies such as visible light radiation or electron beams for applications in high-tech domains;
- New bio-based thermosets for minimizing energy and oil consumption;
- Innovations in formulation, such specific additives or modifiers, and new catalysts and initiators for improved thermosets;
- New strategies for recycling or reuse of thermosets like reversible or exchangeable covalent bonds;
- Recent advances in actively moving polymers, shape memory polymers, or shape-changing polymers, from different chemistries or material selection for enhanced shape memory performance to advances in device design.



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# Special Issue



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## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## 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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Materials Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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