



Advanced Flame Retardant Materials

Guest Editor:

Dr. Fouad Laoutid

Laboratory of Polymeric &
Composite Materials, Materia
Nova Research Center, Avenue
Nicolas Copernic 3, B-7000 Mons,
Belgium

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Message from the Guest Editor

Recent disasters caused by the spread of fire in buildings and in transportations remind us of the importance of fire protection. Using flame-retardant materials presents one important element of the firefighting strategy, which aims at preventing fire development and propagation. These materials are used in different applications, such as in textiles, coatings, foams, furniture, and cables.

The development of more efficient and environmentally friendly flame-retardant additives is an active multidisciplinary approach that has attracted a great deal of interest. Works aims at the development of new, sustainable, flame-retardant additives/materials, providing high performances and low toxicity. These also concern studying their properties during ageing and recycling, as well as modeling physical and chemical processes taking place before ignition and during their combustion.

For more details, please click the following link:

http://www.mdpi.com/journal/materials/special_issues/flame_retardant

Dr. Fouad Laoutid
Guest Editor





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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

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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