Special Issue

Design and Optimization of Fire Protection

Message from the Guest Editors

Economic societal changes bring along novel challenges in the field of fire protection, currently looking for novel materials and ways to efficiently obtain and use energy. Along with progress, measures related to the increased risk of fires must follow not far behind. Knowledge in regard to the mentioned processes is the basis for creating preventive fire measures. The optimization of fire protection is based on physical–chemical processes applied during burning. This Special Issue “Design and Optimization of Fire Protection”, seeks high-quality works focusing on the latest novel advances and processes concerning the thermal degradation of novel progressive materials (in industries such as construction, engineering, automotive, etc.), processes of initiation, the development of fire and the spread of heat in a fire for the purpose of creating suitable preventive measures. Topics include, but are not limited to:

- Processes applied for fire;
- Fire testing (fire characteristics);
- Dynamics of fire and heat release;
- Fire prevention.

Guest Editors

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Editor-in-Chief

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