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## Fabrication, Characterization and Application of High-Energy Material

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Deadline for manuscript  
submissions:

**closed (20 October 2022)**

### Message from the Guest Editor

The applications of high-energy materials makes it possible to use them not only as a fuel for the generation of new space rockets but also in blasting works for the construction and mining industry, as well as in geophysical surveying, and as gas generators for enhanced oil recovery, solid-propellant MagnetoHydroDynamic (MHD) systems and EM generators for the conversion of chemical energy into electromagnetic energy, producing the most powerful sources of light energy in a wide range of frequencies (lengths) waves, via pulsed laser and X-ray emitters, and high-frequency emitters (SHF), as well as gas-generators for emergency systems, pressurized fire-extinguishing systems, pressurization systems, pressurized lifting bags for lifting heavy objects underwater, car safety airbags, shock-wave compaction, and in material science (the production of super-hard materials and composites).

Contributions should come from experts in chemistry, physics and technology.

- synthesis
- chracterization
- performance
- high-energy materials
- propellants
- explosives
- pyrotechnics



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## Message from the Editor-in-Chief

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