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# Novel Clustered Materials

Guest Editor:

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Deadline for manuscript submissions:
**closed (30 June 2021)**

## Message from the Guest Editor

The increased interest in clustered materials is associated with its unique physical and chemical properties due to the peculiarities of their electronic structure. In particular, the energy spectrum of clustered materials could have significant differences from the spectrum of bulk materials, which makes them attractive for photonics applications. Cluster materials potentially become a substitute for many materials of optics and photonics applications due to the possibility of predicted changes in properties during the controlled formation of different structures. These methods are characterized by high chemical purity, sufficient simplicity, and relatively low cost, which allows us to consider laser synthesis of new clustered materials promising for industrial applications.

In this Special Issue, modern trends of laser synthesis and structural study of novel clustered materials with the prospect of their application in photonics are highlighted and discussed.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

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## Message from the Editor-in-Chief

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