

## Special Issue

# Synthesis, Processing and Applications of Advanced Ceramics

### Message from the Guest Editor

Advanced ceramics have come of age in the 21st century. They offer unique optic, thermal, electrical and magnetic properties that have opened up a new world of development opportunities for manufacturers in a wide range of industries. Advanced ceramics provide a cost-effective, high-performance alternative to traditional materials such as metals, plastics and glass. Innovative synthesis and processing techniques of advanced ceramics have also seen extraordinary advances, with the development of new materials or composites with complex structures to create innovative products both for consumers and industry. Synthesis and processing methods have promoted a good wealth of fundamental and applied research into ceramics materials with the potential of meeting stringent requirements set by technological areas ranging from wireless communication to energy storage to sensors to actuators, just to mention a few. 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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### Guest Editor

Dr. Lavinia Petronela Curecheriu  
Faculty of Physics, Universitatea Alexandru Ioan Cuza, Iasi, Romania

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### Deadline for manuscript submissions

closed (20 November 2023)



## Materials

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### Message from the Editor-in-Chief

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### Editor-in-Chief

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