



## Advances in Magnetic Microspheres

Guest Editors:

### Dr. Marian Grigoras

National Institute of Research  
and Development for Technical  
Physics, Mangeron Av 47, 6600  
Iași, Romania

### Dr. Mihaela Lostun

National Institute of Research  
and Development for Technical  
Physics, Mangeron Av 47, 6600  
Iași, Romania

Deadline for manuscript  
submissions:  
**closed (20 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

Magnetic microspheres offer great potential in a variety of applications, both in their bare form and when covered with a surface layer and functional groups chosen for specific uses.

Because of the widespread applications of magnetic microspheres in biotechnology, biomedicine, material science, engineering and environmental areas, a great deal of attention has been paid to the synthesis of different kinds of magnetic microspheres. Each potential application of the magnetic microspheres requires that they possess different properties. Given that the magnetic properties of powders are controlled by microstructure, shape, size or processing conditions, progress in this area will increase our ability to control and design the properties of the materials of the future.

The aim of this Special Issue is to gather contributions that address current progress in the field of magnetic microspheres through synthesis, doping, modelling, advanced characterization and beyond.

It is our pleasure to invite you to submit a manuscript for this Special Issue.

Sincerely,

Dr. Marian Grigoras

Dr. Mihaela Lostun

*Guest Editors*

