



Electromagnetics

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Message from the Guest Editors

This Special Issue is devoted to the study of the interaction of electromagnetic radiation with materials containing ferro- and ferrimagnets and the use of these materials for the purpose of protection from exposure to electromagnetic radiation of the radio frequency range. The following main topics are proposed as part of this Special Issue:

1. Physical effects of the interaction of electromagnetic radiation of the radio frequency range with magnetic composites.
2. Chemical technology for the creation of radio-absorbing materials based on ferro- and ferrimagnets.
3. Laboratory methods for measuring the transmission and reflection coefficients of an electromagnetic wave by magnetic composites.
4. Analysis of the structure and chemical composition of magnetic composites.
5. Modeling of magnetic composites.
6. Other aspects of the development and creation of magnetic composites for electromagnetic safety.

