



Dielectric Composite Materials

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Message from the Guest Editors

The Special Issue "Dielectric Composite Materials" will involve regular research articles, reviews and short communications devoted to the development, preparation, characterization, modelling/simulation, fabrication (including additive technologies) and applications of composites with specific dielectric properties such as electrical resistance, permittivity (particularly high-k and low-k materials), dielectric loss, electric strength and other target performances tunable by the adjustment of the composition (binder and filler materials and their ratios) and structure (including filler distribution determined by interfacial interactions, incorporation of special additives, etc.).

This Special Issue will particularly address the problems relating to the enhancement of dielectric performances for various materials useful as insulating layers, components of energy storage systems, capacitors, displays and other electronic devices, including flexible, wearable and stretchable electronics.

