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# Methodology of the Design and Testing of Composite Structures (2nd Edition)

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# **Message from the Guest Editors**

Composites are now being used in many key areas of the economy. Compared to common homogeneous materials, composites exhibit better thermal, electrical, tribological and mechanical properties. This is due to the fact that, in composite materials, the best features of the matrix (e.g., ductility, fracture toughness, low specific weight) and the particles embedded therein (e.g., high strength, high elastic modulus, wear resistance, desired thermal or electrical conductivity) are combined.

The scope of this Special Issue will provide a forum for reports on the following topics:

Manufacturing of composite materials;

Analytical and numerical modeling of composite materials;

Test methods for composite materials and structures;

Experimental procedures for establishing averaged mechanical and physical properties of composites;

Analytical and numerical models for predicting averaged mechanical and physical properties of composites;

New trends in composite materials.



Specialsue









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# **Message from the Editor-in-Chief**

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