



Shape Memory Alloys and Piezoelectric Materials and Their Applications

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Message from the Guest Editor

Smart structures have been widely applied in aerospace, civil engineering, ship, automobile, water conservancy and many other industries. The realization of intelligent functions depends on the development of sensors, actuators, controllers, etc. Shape memory alloys and piezoelectric materials are one of the most used materials in the regard, which play important roles in the applications of smart structures because of their many advantages. Much work has been done in both theoretical and experimental studies on shape memory alloys and piezoelectric actuators. To encourage further understanding and development of these two materials, this special issue is organized to collect original and innovative papers on topics including but not limit to the preparation, analysis, modeling of various types of shape memory alloys and piezoelectric actuators, and their applications in smart structures. Theoretical, numerical and experimental contributions are equally welcome.

