

The Second Announcement

International Workshop on Mechanics of Smart Materials/Structures and Nanomaterials

1-3 June 2012, Hangzhou, China

Smart materials/structures include piezoelectrics, ferroelectrics, shape memory alloy, magnetostrictors and the related adaptive structures, and nanomaterials include nanoparticles, nanodots, nanowires, nanotubes, thin films, nanograined materials and nanoporous materials. Due to their distinguished multi-field coupling properties, smart materials/structures and nanomaterials have a wide range of applications in aerospace, mechanical engineering, medical treatment, information storage, energy harvesting, micro/nanoelectronic devices, micro/nanoelectromechanical systems, and so on. Smart materials/structures and nanomaterials are attracting and will attract much more considerable attention in both the academic and industry. Scientific research on smart materials/structures and nanomaterials is multidisciplinary which involves solid mechanics, materials science, chemistry, and physics. The development of smart materials/structures and nanomaterials opens new research directions to solid mechanics. The international workshop on Mechanics of Smart Materials/Structures and Nanomaterials will be held from June 1 to June 3, 2012 at Zhejiang University in Hangzhou, China. The purpose of the workshop is to provide a forum for discussion of recent advances in this multidisciplinary research field and exchange ideas and scientific findings in the field. All speakers at the workshop are invited, who are active researchers in this area.

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