Special Issue

Microswitching Technologies

Message from the Guest Editor

Microswitching technology includes areas like radio frequency (RF) microelectromechanical systems (MEMS) switches for high frequency applications, MEMS switches for direct current (DC) or dry switching applications, and new and emerging technologies relative to the micro electrical contact areas including: advanced modeling, promising new contact materials, and novel micro contact geometries. In addition, novel solid state switching topologies and materials including phase change materials and metal-insulator transition materials are being investigated as for applications requiring highly reliable microswitching devices. This Special Issue is intended to report on the recent advances in the multidisciplinary field of microswitching technologies and also address critical technology gaps that are currently limiting microswitch presence in the market place.

- RF MEMS
- MEMS
- microswitch
- micro-contacts
- contact materials
- contact geometry
- phase change materials

Guest Editor

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Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

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