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Microswitching Technologies

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Deadline for manuscript
submissions:

closed (30 August 2019)

Message from the Guest Editor

Dear Colleagues,

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



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Special Issue



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Message from the Editor-in-Chief

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