



Photodetectors

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Deadline for manuscript
submissions:

closed (31 May 2013)

Message from the Guest Editor

Dear Colleagues,

The special issue on photodetectors intends to cover state of the art in detection of light, broadened to include electromagnetic radiation such as x-ray and THz radiation, as well as particle detection. Papers are solicited which deal with all aspects of absorption of light in different media and structures, generation of carriers or other forms of interaction of light with the medium, such as plasmon resonance, and transport, collection, and generation of electric signal resulting from this optical excitation. Of special interest is structures with sub-wavelength dimensions such as quantum dots and wires, two-dimensional systems such as graphene or 2D electron or hole gasses, and arrays of such systems such as photonic bandgap materials. Regular research articles as well as review articles are welcome.

Prof. Dr. Bahram Nabet
Guest Editor





sensors



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Message from the Editor-in-Chief

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