Special Issue

Two Dimensional (2D) Materials Photonics, Optoelectronics and Electronics

Message from the Guest Editor

Two-dimensional materials are crystals with one to a few layers of atoms and are currently used in many fields such as optical modulator, optical switch, and ultrafast lasers. Their excellent optoelectronic and photonic properties make them shine in the field of nonlinear photonics. This Special Issue aims to publish state-of-the-art original research articles on the investigation of the nonlinear optical properties of two-dimensional materials and their various applications in the field of photonics. Researchers are invited to contribute to this Special Issue. Topics include but are not limited to the following:

- Ultrafast and nonlinear pulse propagation in nano materials and structures;
- Semiconductor quantum dots;
- Light–matter interaction;
- Optical manipulation techniques;
- Photonic crystals;
- Nano lasers.

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2014)

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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