Special Issue

Technologies of Laser Wireless Power Transmission

Message from the Guest Editor

Laser wireless power transmission (LWPT) technology uses lasers as a carrier to realize the wireless transmission of electric power in free space. The core part of LWPT technology is the laser at the transmitting end and the laser power converter (LPC) at the receiving end, whose performance directly determines the output characteristics of the transmission link; therefore, research concerning the laser and the LPC is very important. This Special Issue aims to present an overview of cutting-edge research, visions, results, and their applications. We welcome broad, visionary contributions of short research reports, as well as a collection of reviews of accomplishments. We are excited to invite researchers to submit their contributions to this Special Issue. Topics include, but are not limited to, the following:

- Metal–organic chemical vapor deposition (MOCVD);
- Solar cell;
- Metamorphic buffer;
- III-V semiconductor material;
- Tunnel junction;
- Laser wireless power transmission (LWPT);
- Laser power converters (LPCs);
- Laser.

Guest Editor

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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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