



Technologies of Laser Wireless Power Transmission

Guest Editor:

Dr. Yudan Gou

College of Electronics and
Information Engineering, Sichuan
University, Chengdu 610065,
China

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Message from the Guest Editor

Dear Colleagues,

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.

