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Introduction

Optoelectronic devices and optical signal processing play an important role in the field of optical measurement and optical communication. Especially given the development of the advanced nanoscale silicon photonics devices and other novel optoelectronic devices, the performance of the optical measurement technology and the optical communication systems have greatly improved; which will prompt the further progress of information technology.

Topics of the Optoelectronic Devices and Optical Signal Processing branch of OIT2015 included: novel nanophonotics devices, signal processing technologies and their applications in optical measurement, optical sensing, coherent optical communications and free space optical communications. More than 30 papers were accepted in this branch and presented up-to-date results and progress in this field.

Yi Dong
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