Editorial Introduction to JSTQE Special Issue on Programmable Photonics

WELCOME to the IEEE JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS (JSTQE) Special Issue on **Programmable Photonics.** It is one of the fastest growing fields in photonics with applications ranging from optical signal processing and computing to quantum photonics. This Special Issue contains 32 papers, including 10 invited and 22 contributed papers authored by well-regarded research groups and scientists in the field. The papers in this issue cover wide range of aspects in the field of programmable photonics, from novel material platforms for optical modulation to advanced cost analysis for large-volume programmable photonic systems. Several applications of integrated programmable photonics including radio-frequency (RF) photonic beam-steering, imaging, and neuromorphic computing are also discussed.

We hope you will find this JSTQE Special Issue on Programmable Photonics to be an interesting and useful reference that will impact, stimulate and promote further advances in this field.

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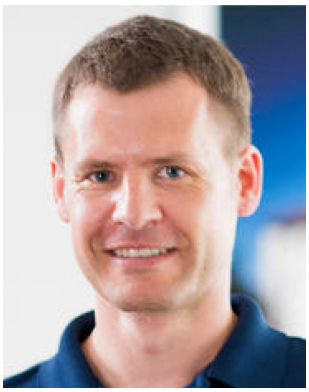

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