
Silicon Based Integrated Multifunctional Information System

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The team focuses on the design and development of large-scale silicon-based optoelectronic integrated chips, developing independently controllable core unit devices, integrated chips, and functional modules. We have achieved multiple international achievements, including 110G silicon modulators, Tb/s silicon-based high-capacity optical communication, and high-precision microwave photon signal processing in the frequency band.



Short Bio:

Xingjun Wang, Distinguished Professor of Boya at Peking University, Vice Dean of the School of Electronics, Member of the Discipline Evaluation Group of the State Council, Changjiang Scholar Distinguished Professor of the Ministry of Education, and Fellow of the American Optical Society. He has led more than 20 national level projects, including major instruments and key projects of the National Natural Science Foundation of China. Published over 200 papers as the first/corresponding author in journals such as Nature and Nature Photonics. The achievements have been selected as one of the top ten scientific and technological progress awards in the field of information and communication in China.