

## 5th Summer School on INtelligent signal processing for FrontIER Research and Industry



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### **HIGH RATE/HIGH SPEED DATA TRANSMISSION CHALLENGES & SOLUTIONS: PHOTONICS APPLIED TO TELECOM**

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Professor Ming Tang received his B. Eng. from Huazhong University of Science and Technology (HUST), Wuhan China, in 2001 and his PhD from Nanyang Technological University (NTU), Singapore, Singapore in 2005. His postdoctoral research in Network Technology Research center (NTRC) was focused on the optical fiber amplifiers, high-power fiber lasers, non-linear fiber optics and all-optics signal processing. From February 2009 he was with the Tera-Phoptonics Group led by Prof. H Ito in Riken, Waiko, Japan as a research scientist conducting research on terahertz wave generation, detection and application using non-linear optical technologies. Since March 2011, he has been a professor in the School of Optoelectronics Science and Engineering, Wuhan National Laboratory of Optoelectronics, HUST, Wuhan, China. He has published more than 70 technical papers in international recognized journals and conferences, and he serves as a regular reviewer for such journals as IEEE Journal of Quantum Electronics, IEEE Journal of Lightwave Technology, IEEE Photonics Technology Letters and Optical Society of America (PSA) publications. He has been a member of the Lasers and Electro-Optics Society (LEOS, now IEEE Photonics Society) since 2001.

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