

Curriculum Vitae

Personal Information	Name	Gong Yandong	Gender	M	
	Academic Title	Professor			
	College	Beijing Information Science and Technology University			
	Discipline	EEE			
	Email	eydgong@bistu.edu.cn			
	Mail Add.	Beijing Information Science and Technology University, School of Instrument and Opto-electronics, Beijing, China, 100192			
Educational Background	PhD, 1998, Beijing Jiaotong University, China				
Working Experience	1998-2000, Beijing Jiaotong University, China, A/P 2000-2002, Nanyang Technology University, Singapore, Research fellow 2002-2019, Institute for Infocomm Research, Singapore, Scientist 2019-present, Beijing Information Science and Technology University, China, Professor				
Research Interests	Terahertz, optical fiber sener, optical fiber laser, metasurface				
Major Publications*	<ol style="list-style-type: none"> (1) Yandong Gong*, Banghong Zhang, Takashi Notake, Hiroaki Minamide, Malini Olivo, Shigeki Sugii. Investigations on Polarimetric Terahertz Frequency Domain Spectroscopy. <i>Applied Physics A</i>, 2014, 115(1): 83 ~ 86 (2) Zaichun Chen, Yandong Gong*, Hui Dong, Takashi Notake, Hiroaki Minamide. Terahertz Achromatic Quarter Wave Plate: Design, Fabrication, and Characterization. <i>Optics Communications</i>, 2014, (311): 1 ~ 5 (3) Banghong Zhang*, Yandong Gong, Achromatic terahertz quarter waveplate based on silicon grating. <i>Optics Express</i>, 2015, 23(11): 14897 ~ 14902 (4) Dacheng Wang, Yandong Gong, Minghui Hong*. Complimentary bilayer metasurfaces for enhanced terahertz wave amplitude and phase manipulation. <i>Opto-Electronics Engineering</i>, 2017, 44(1): 77~81 (5) Zhijie Ma, Stephen M Hanham, Yandong Gong, and Minghui Hong*, All-dielectric reflective half-wave plate metasurface based on the anisotropic excitation of electric and magnetic dipole resonances, <i>Optics Letters</i>, 2018, 43(4): 911~914 				
Research Projects*	<ol style="list-style-type: none"> (6) Singapore A-STAR: Infrared Inspection for Non-Uniform Wall Thickness composite, 2016-2018, S\$600K, Co-PI (7) Industry: Characterisation of Micro-scale/Nano-scale Structures, 2015-2017, S\$100K, PI (8) Japan and Singapore bilateral government Research: Investigation on polarimetric Terahertz frequency domain Spectroscopy (THz-FDS), 2011-2014, S\$300K, PI (9) Industry: Polarization measurement and imaging application at the THz band, 2009-2011, S\$16K, PI (10) Singapore A-STAR: Investigation on cancer using terahertz spectroscopy & imaging, 2008-2011, S\$960K, PI (11) Singapore A-STAR: Terahertz spectroscopy, 2008-2011, S\$2.4M, Co-PI (12) Singapore A-STAR: Compact terahertz source for frequency domain spectroscopy, 2008-2011, S\$1.8M, Co-PI (13) New Initiative: Generation, Detection and Applications of THz Fields I, 2005-2006, S\$100K, PI (14) Bilateral Research: Nonlinear Technologies for next generation optical fiber communication, 2003-2005, S\$300K, PI (15) Singapore A-STAR: Optical Resilient Packet Ring (O-RPR) Based on All-optical Buffering, 2004-2007, S\$440K, Co-PI (16) Singapore A-STAR: Application of polarimetric optical time domain reflectometry for distributed measurement in optical fibers, 2004-2007, S\$500K, Co-PI (17) China NSFC: Investigation on novel photosensitivity fiber, 2000/01-2012/12, Chinese dollars 120K, PI 				

Professional Membership	IEEE
Potential Research Projects**	<ul style="list-style-type: none"> (1) Polarimetric THz spectroscopy (2) High power Terahertz source (3) Achromatic Terahertz waveplater (4) Phase sensitive OTDR (distributed acoustic sensor) (5) Terahertz metasurface device (6) Specialty fiber (7) Fiber laser

* Please list achievements of recent 5 years

** This CV is intended to match Chinese and Polish Scientists within SPUC member universities, and Potential Research Projects is intended to apply for Sino-Polish or EU scientific cooperation projects.