

English-Taught PhD Programme in the School of Information Science and Technology, Fudan University

Programmes Introduction

The School of Information Science and Technology has PhD programmes in Optics, Optical Engineering, Physical Electronics, Circuit and System, Micro-electronics and Solid Electronics, Electromagnetic Field and Microwave Technology, and Biomedical Engineering. All the seven PhD programmes can be instructed in English and are open for international students.

The PhD programmes and PhD supervisors' information are listed below.

Programmes	Research Direction	Supervisors	Email
Optics	Photonics Fundamentals and Device Physics	Liu Liying	lyliu@fudan.edu.cn
		Xu Lei	lei_xu@fudan.edu.cn
	Condensed-Matter Optics and Magneto-optical Properties	Chen Liangyao	lychen@fudan.ac.cn
		Zheng Yuxiang	yxzheng@fudan.edu.cn
		Zhao Haibin	hbzhao@fudan.edu.cn
	Optoelectronic functional materials, properties and devices	Wu Jiada	jdwu@fudan.edu.cn
		Wang Peinan	pnwang@fudan.edu.cn
	Spintronics Materials and Their Ultrafast Optical Detection	Zhang Zongzhi	zzzhang@fudan.edu.cn
	The Application of Optics in Life Science	Wang Peinan	pnwang@fudan.edu.cn
	Advanced Laser Technology and Applications	Shen Deyuan	shendy@fudan.edu.cn
	Optical and Spectroscopic Properties of Materials	Wu Jiada	jdwu@fudan.edu.cn
		Wang Peinan	pnwang@fudan.edu.cn
	Materials and Devices for Micro Photonics	Liu Liying	lyliu@fudan.edu.cn
		Xu Lei	lei_xu@fudan.edu.cn
	Nanophotonics	Xu Lei	lei_xu@fudan.edu.cn
Lu Ming		minglu55@fudan.edu.cn	
Plasma Physics and Applications	Wu Jiada	jdwu@fudan.edu.cn	
Optical Engineering	High-power fiber and solid-state laser technology	Shen Deyuan	shendy@fudan.edu.cn
	Nonlinear optics and laser applications	Shen Deyuan	shendy@fudan.edu.cn

	Advanced Optical Manufacturing and Detection Simulation Technology	Zheng Yuxiang	yxzheng@fudan.edu.cn
	Solid Spectroscopy Technology	Zhang Rongjun	rjzhang@fudan.edu.cn
		Zheng Yuxiang	yxzheng@fudan.edu.cn
	Ultra-precision optical processing and detection	Li Jing	lijing@fudan.edu.cn
	Silicon-based Illuminating	Lu Ming	minglu55@fudan.edu.cn
	All Solar Spectrum Solar Cells	Lu Ming	minglu55@fudan.edu.cn
	Condensed-Matter Optics and Magneto-optical Properties	Zhang Rongjun	rjzhang@fudan.edu.cn
	Information Function Materials and Properties	Li Jing	lijing@fudan.edu.cn
	Biomedical Optoelectronics	Wu Xiang	wuxiang@fudan.edu.cn
Physical Electronics	Plasma Applications	Liang Rongqing	rqliang@fudan.edu.cn
		Liu Kefu	kfliu@fudan.edu.cn
	Solid-state Lighting Applications	Liang Rongqing	rqliang@fudan.edu.cn
	LED Illuminating technology	Liu Muqing	mqliu@fudan.edu.cn
	High Power Electronics	Liu Kefu	kfliu@fudan.edu.cn
	Semiconductor nano - optoelectronic materials and devices	Guo Ruiqian	rqqguo@fudan.edu.cn
	Optoelectronic device simulation and numerical experiments	Jiang Xunya	jiangxunya@fudan.edu.cn
	Design of New Optical Devices	Jiang Xunya	jiangxunya@fudan.edu.cn
	Power Electronic Control and System Simulation	Sun Yaojie	yjsun@fudan.edu.cn
	Intelligent Lighting Control Theory and Application	Sun Yaojie	yjsun@fudan.edu.cn
	Lighting vision and health	Lin Yandan	ydlin@fudan.edu.cn
Circuit and System	Image and Intelligent Information Processing	Wang Bin	wangbin@fudan.edu.cn
	Digital Systems Theory and Technology	Hu Bo	bohu@fudan.edu.cn
	Medical Information	Wang	yywang@fudan.edu.cn

	Technology and Systems	Yuanyuan	
		Wang Weiqi	wqwang@fudan.edu.cn
	Theory of Network Science and Network Intelligent Technology	Li Xiang	lix@fudan.edu.cn
	Control Theory and Application	Li Xiang	lix@fudan.edu.cn
	Artificial Neural Networks and Their Applications	Gu Xiaodong	xdgu@fudan.edu.cn
Micro-electronics and Solid Electronics	Integrated Circuit Design/CAD and Testing	Zheng Lirong	lrzheng@fudan.edu.cn
		Liu Yi	ylius@fudan.edu.cn
	Semiconductor Materials, Devices and Processes	Liu Ran	rliu@fudan.edu.cn
		Chen Yifang	yifangchen@fudan.edu.cn
	Advanced Optical Manufacturing and Inspection	Chen Yifang	yifangchen@fudan.edu.cn
	Nanophotonics	Chen Yifang	yifangchen@fudan.edu.cn
	Flexible Electronics/Low-dimensional Electronic Devices	Liu Ran	rliu@fudan.edu.cn
Chen Yifang		yifangchen@fudan.edu.cn	
Electromagnetic Field and Microwave Technology	Electromagnetic Field and Electromagnetic Wave	Jin Yaqui	yqjin@fudan.edu.cn
	Theory and Technology of Spatial Remote Sensing Information	Jin Yaqui	yqjin@fudan.edu.cn
	Radio Wave Propagation in Communication	Yu Jianjun	jianjun@fudan.edu.cn
		Jin Yaqui	yqjin@fudan.edu.cn
	Computational Electromagnetics	Jin Yaqui	yqjin@fudan.edu.cn
	Scattering, Inverse Scattering and Image Processing	Jin Yaqui	yqjin@fudan.edu.cn
	Microwave and Antenna	Jin Yaqui	yqjin@fudan.edu.cn
	Theory and Application of Optical Wave Propagation	Shi Yiwei	ywshi@fudan.edu.cn
	Optical Measurement	Shi Yiwei	ywshi@fudan.edu.cn
	Optical Communication	Chi Nan	nanchi@fudan.edu.cn
	Optoelectronic Devices	Chi Nan	nanchi@fudan.edu.cn
	Communications Networking and Signal Processing	Wang Xin	xwang11@fudan.edu.cn
Radar Imaging and Intelligent Information	Xu Feng	fengxu@fudan.edu.cn	

	Acquisition		
Biomedical Engineering	Medical Ultrasound Engineering	Wang Weiqi	wqwang@fudan.edu.cn
		Wang Yuanyuan	yywang@fudan.edu.cn
		Ta De'an	tda@fudan.edu.cn
	Medical Signal Processing	Wang Yuanyuan	yywang@fudan.edu.cn
		Chen Wei	w_chen@fudan.edu.cn
	Medical Detection Systems (including Cardiac Electrophysiology)	Wang Weiqi	wqwang@fudan.edu.cn
		Wang Yuanyuan	yywang@fudan.edu.cn
		Ta De'an	tda@fudan.edu.cn
		Wu Xiaomei	xiaomeiwu@fudan.edu.cn
		Chen Wei	w_chen@fudan.edu.cn
	Sensing System and Intelligent Medical Treatment	Chen Wei	w_chen@fudan.edu.cn

Tuition Fee

37000 RMB/year

Study Duration

3 years full time study

Contact

Ms. Xing (Alexa) Guo

International Coordinator

School of Information Science and Technology, Fudan University

Tel: +86-21-65643149

Email: xingg@fudan.edu.cn

Mailing address: Room 155, Henglong Physics Building, Fudan University

220 Handan Rd., Shanghai 200433, China