

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

Programme 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 Directions	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
		ZhengYuxiang	yxzheng@fudan.edu.cn
		Zhao Haibin	hbzhao@fudan.edu.cn
	Optoelectronic functional materials, properties and devices	Wu Jiada	jdwu@fudan.edu.cn
		XuNing	ningxu@fudan.edu.cn
	Spintronics Materials and Their Ultrafast Optical Detection	Zhang Zongzhi	zzzhang@fudan.edu.cn
		Jin Qingyuan	qyjin@fudan.edu.cn
	Advanced Laser Technology and Applications	ShenDeyuan	shendy@fudan.edu.cn
	Optical and Spectroscopic Properties of Materials	Wu Jiada	jdwu@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	
	XuNing	ningxu@fudan.edu.cn	
Optical Engineering	High-power fiber and solid-state laser technology	ShenDeyuan	shendy@fudan.edu.cn
	Nonlinear optics and laser applications	ShenDeyuan	shendy@fudan.edu.cn
	Advanced Optical Manufacturing and Detection Simulation Technology	ZhengYuxiang	yxzheng@fudan.edu.cn
		Kong Lingbao	lkong@fudan.edu.cn
	Solid Spectroscopy Technology	Zhang Rongjun	rjzhang@fudan.edu.cn
		ZhengYuxiang	yxzheng@fudan.edu.cn
	Intelligent optical manufacturing and detection	Li Jing	lijing@fudan.edu.cn
Kong Lingbao		lkong@fudan.edu.cn	
Jiang Xiangqian		xqjiang@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
		Ma Jiong	jiongma@fudan.edu.cn
	Robot Optical Intelligent Manufacturing and Intelligent Vision	Kong Lingbao	lkong@fudan.edu.cn
	Fiber Optics	Xiao Limin	liminxiao@fudan.edu.cn
	Novel Fiber Optic Devices and Technology	Xiao Limin	liminxiao@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
		Liu Muqing	mqliu@fudan.edu.cn
		Zhang Shanduan	sdzhang@fudan.edu.cn
	Optoelectronic materials and devices	OuQiongrong	qrou@fudan.edu.cn
	High Power Electronics	Liu Kefu	kfliu@fudan.edu.cn
	Semiconductor nano - optoelectronic materials and devices	GuoRuiqian	rqguo@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 Technology and Systems	Wang Yuanyuan	yywang@fudan.edu.cn
		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	GuXiaodong	xdgu@fudan.edu.cn	
Micro-electronics and Solid Electronics	Integrated Circuit Design/ CAD and Testing	ZhengLirong	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
Flexible Electronics/Low-dimensional	Liu Ran	rliu@fudan.edu.cn	

	Electronic Devices	Chen Yifang	yifangchen@fudan.edu.cn
	Large scale IC fabrication and novel semiconductor devices	Wan Jing	jingwan@fudan.edu.cn
	Flexible electronics and devices, low-dimensional optoelectronic technology and devices	QiuZhijun	zjqiu@fudan.edu.cn
	New optoelectronic materials and devices	Cong Chunxiao	cxcong@fudan.edu.cn
	Advanced Optical Manufacturing and Inspection	Chen Yifang	yifangchen@fudan.edu.cn
	Nanophotonics	Chen Yifang	yifangchen@fudan.edu.cn
Electromagnetic Field and Microwave Technology	Electromagnetic Field and Electromagnetic Wave	Jin Yaqiu	yqjin@fudan.edu.cn
	Theory and Technology of Spatial Remote Sensing Information	Jin Yaqiu	yqjin@fudan.edu.cn
	Radio Wave Propagation in Communication	Yu Jianjun	jianjun@fudan.edu.cn
		Jin Yaqiu	yqjin@fudan.edu.cn
	Computational Electromagnetics	Jin Yaqiu	yqjin@fudan.edu.cn
	Scattering, Inverse Scattering and Image Processing	Jin Yaqiu	yqjin@fudan.edu.cn
	Microwave and Antenna	Jin Yaqiu	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
		Jiang Yi	yijiang@fudan.edu.cn
Radar Imaging and Intelligent Information Acquisition	XuFeng	fengxu@fudan.edu.cn	
Biomedical Engineering	Medical Ultrasound Engineering	Wang Weiqi	wqwang@fudan.edu.cn
		Wang Yuanyuan	yywang@fudan.edu.cn
		Ta De'an	tda@fudan.edu.cn
		Yu Jinhua	jhyu@fudan.edu.cn
	Medical Signal Processing	Wang Yuanyuan	yywang@fudan.edu.cn
		Chen Wei	w_chen@fudan.edu.cn
		Yu Jinhua	jhyu@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

Application

In terms of specific requirements for documents used in the online application system or hard copies to mail to us, please follow the guideline for application on the website of International Students Office (http://iso.fudan.edu.cn/downloads/yjszsjz_en20180104.pdf)

Contact

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