

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.

Major	Research Directions	Supervisors	Email
Optics	Light and matter interaction and ultrafast processes	Jin Qingyuan	qyjin@fudan.edu.cn
		Zhao Haibin	hbzhao@fudan.edu.cn
	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
		Wang Songyou	
		Zheng Yuxiang	yxzheng@fudan.edu.cn
		Zhao Haibin	hbzhao@fudan.edu.cn
	Optoelectronic functional materials, properties and devices	Wu Jiada	jdwu@fudan.edu.cn
		Xu Ning	ningxu@fudan.edu.cn
	Spintronics Materials and Their Ultrafast Optical Detection	Zhang Zongzhi	zzzhang@fudan.edu.cn
		Jin Qingyuan	qyjin@fudan.edu.cn
	Low-dimensional magnetic structure magnetic and nano magnetic storage	Jin Qingyuan	qyjin@fudan.edu.cn
	Advanced Laser Technology and Applications	Zhu Heyuan	
		Shen Deyuan	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	
	Xu Ning	ningxu@fudan.edu.cn	
Optical and electrical properties of materials and their applications	Zhuang Jun		
Advanced optical manufacturing and	Xu Min		

	inspection		
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
	Ultrashort laser pulse laser technology	Zhu Heyuan	
	New laser technology and devices	Zhu Heyuan	
	Advanced Optical Manufacturing and Detection Simulation Technology	Zheng Yuxiang	yxzheng@fudan.edu.cn
		Kong Lingbao	lkong@fudan.edu.cn
	Solid Spectroscopy Technology	Zhang Rongjun	rjzhang@fudan.edu.cn
		Zheng Yuxiang	yxzheng@fudan.edu.cn
	Intelligent optical manufacturing and detection	Li Jing	lijing@fudan.edu.cn
		Kong Lingbao	lkong@fudan.edu.cn
		Xu Min	
		Jiang Xiangqian	xqjiang@fudan.edu.cn
	Silicon based illumination	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
		Ma Jiong	jjiongma@fudan.edu.cn
Advanced thermal imaging technology	Xu Min		
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 Technology and Applications	Liang Rongqing	rqliang@fudan.edu.cn
		Liu Kefu	kfliu@fudan.edu.cn
		Ou Qiongrong	qrou@fudan.edu.cn
	Solid lighting technology and application	Liang Rongqing	rqliang@fudan.edu.cn
		Liu Muqing	mqliu@fudan.edu.cn
		Zhang Shanduan	sdzhang@fudan.edu.cn
		Lin Yandan	ydlin@fudan.edu.cn
	Photoelectric materials and devices and system integration	Liang Rongqing	rqliang@fudan.edu.cn
		Jiang Xunya	jjiangxunya@fudan.edu.cn
		Guo Ruiqian	rqqguo@fudan.edu.cn
		Zhang Shanduan	sdzhang@fudan.edu.cn
		Ou Qiongrong	qrou@fudan.edu.cn
		Fang Zhilai	zlfang@fudan.edu.cn
Gu Erdan			
Power Electronics and Simulation	Liu Kefu	kfliu@fudan.edu.cn	

		Sun Yaojie	yjsun@fudan.edu.cn
	Vision and Ergonomics	Lin Yandan	ymlin@fudan.edu.cn
	Photoelectric medical and health	Liu Muqing	mqliu@fudan.edu.cn
		Liu Kefu	kfliu@fudan.edu.cn
		Sun Yaojie	yjsun@fudan.edu.cn
		Lin Yandan	ymlin@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
	Signal processing and its application	Zhang Jianqiu	
	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	Intelligent micro-nano system design and integration	Zheng Lirong	lrzheng@fudan.edu.cn
		Liu Yi	ylius@fudan.edu.cn
		Zou Zhuo	zhuo@fudan.edu.cn
	Micro-nano electronic devices and systems	Liu Ran	rliu@fudan.edu.cn
		Chen Yifang	yifangchen@fudan.edu.cn
		Qiu Zhijun	zjqiu@fudan.edu.cn
		Cong Chunxiao	cxcong@fudan.edu.cn
		Wan Jing	jingwan@fudan.edu.cn
		Xiong Shisheng	sxiong@fudan.edu.cn
	Nanostructure and system processing and manufacturing	Zhan Yiqiang	yqzhan@fudan.edu.cn
Chen Yifang		yifangchen@fudan.edu.cn	
	Xiong Shisheng	sxiong@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
		Zhu Yu	zhuyu@fudan.edu.cn
	Radar Imaging and Intelligent Information Acquisition	Xu Feng	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
		Ta De'an	tda@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
		Yang Cuiwei	yangcw@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/xuwei.htm>)

Contact

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