


# 电子与控制工程学院 School of Electronics and Control Engineering

电子与控制工程学院 - 三电中心 (School of Electronics and Control Engineering---Laboratories of Electrotechnics & Electronics) :

1


	Name: WANG Hui-Feng 王会峰
	E-mail: <a href="mailto:hfwang@chd.edu.cn">hfwang@chd.edu.cn</a>
	Major: Electronic & Control Engineering
	Research Direction: <ol style="list-style-type: none"><li>1. Intelligent Measurement &amp; Control Technology and embedded system application;</li><li>2. Machine vision and image processing;</li><li>3. Traffic infrastructure IOT monitoring and Detection operational robot technology;</li><li>4. Vehicle-road environment intelligent awareness technology;</li><li>5. 3D digital measurement and quality control technology;</li><li>6. Earth intelligence and disaster warning;</li><li>7. Structure intelligent detection and risk assessment.</li></ol>

2


	Name: Wang Xiaoyan 王晓艳
	E-mail: <a href="mailto:xywang@chd.edu.cn">xywang@chd.edu.cn</a>
	Major: Electrical engineering
	Research Direction: <ol style="list-style-type: none"><li>1. Transportation infrastructure inspection</li><li>2. Earth intelligent perception and monitoring</li></ol>

电子与控制工程学院 - 轨道卓工系 (School of Electronics and Control Engineering--Department of Rail Transit and Automation)

1

	Name: HUI MENG 惠萌
	E-mail: ximeng@chd.edu.cn
	Major: Electrical Engineering
	Research Direction: 1. Neural Networks synchronization; 2. Multiagent Consensus; 3. Machine Learning. Home Page: <a href="https://js.chd.edu.cn/dzykzgcxy/hm100_en/list.htm">https://js.chd.edu.cn/dzykzgcxy/hm100_en/list.htm</a>


2

	Name: BAI Lin 白璘
	Email: linbai@chd.edu.cn
	Major: Control Science and Engineering (Pattern Recognition)
	Research Direction The research group focuses on pattern recognition, computer vision, signal processing, and machine learning (deep learning) methods. Our focus lies in exploring the international scientific and technological forefront to establish expertise in intelligent image interpretation (multi-modal remote sensing information acquisition and processing), spatio-temporal big data analysis and processing, edge computing (embedded artificial intelligence), and other related areas. Home Page: <a href="https://js.chd.edu.cn/dzykzgcxy/bl100/list.htm">https://js.chd.edu.cn/dzykzgcxy/bl100/list.htm</a>


3

	Name: Yao Bobin 姚博彬
	E-mail: b.b.yao@chd.edu.cn
	Major: Information and Communication Engineering,
	Research Direction: 1.Statistical signal processing 2.Wireless communications and navigation 3.AI in intelligent Transportation System


4

	Name: Quan Siwen 权思文
	E-mail: siwenquan@chd.edu.cn
	Major: Pattern recognition
	Research Direction: 1. Computer vision 2.Local feature description 3.3D object recognition


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	Name: Zhen Ye 叶珍
	E-mail: yezhen525@126.com
	Major: Information and Communication Engineering
	Research Direction: 1. Image Processing, 2. Remote Sensing, 3. Intelligent Transportation Systems, etc.

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	Name: DU KAI 杜凯
	Email: dukai@chd.edu.cn
	Major: Traffic Information Engineering and Control
	Research area or direction 1. 3D visualization technology 2. Artificial intelligence technology and application 3. Traffic information technology and application

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	Name: Yao Rui 姚锐
	Email: emilyyao@chd.edu.cn
	Major: Control Science and Control Engineering
	Research area or direction 1. Intelligent power equipment status monitoring basic theory and application technology; 2. Non stationary signal processing methods for power equipment; 3. Power equipment fault diagnosis technology based on deep learning and data mining; 4. Computer vision and pattern recognition



电子与控制工程学院- 电子科学与技术系 (School of Electronics and Control Engineering - Department of Electronic Science and Technology) :


1

照片	Name: LIANG Huagang 梁华刚
	E-mail: hgliang@chd.edu.cn
	Major: Automation
	Research Direction: <ol style="list-style-type: none"> <li>1. Engaged in digital image processing</li> <li>2. pattern recognition</li> <li>3. robot vision</li> <li>4. intelligent transportation research</li> </ol>


2

照片	Name: XIAO Jian 肖剑
	E-mail: xiaojian@chd.edu.cn
	Major: Microelectronics and Solid-state electronics
	Research Direction: <ol style="list-style-type: none"> <li>1. Analog/ Digital Mixed-signal Circuit Design</li> <li>2. Application Specific Integrated Circuit</li> </ol>


3

	Name: XU Xiaobo 徐小波
	E-mail: xuxiaobo@chd.edu.cn
	Major: Microelectronics and Solid state electronics
	Research Direction: <ol style="list-style-type: none"> <li>1. Elliptic curve cryptography related algorithms</li> <li>2. Deep learning algorithms of photovoltaic module performance prediction, and defect detection of MOS, HBTs, and solar cells</li> <li>3. High speed device and integrated circuit design, simulation and model.</li> </ol>

4

	Name: GAO Tianxi 高恬溪
	E-mail: tianxigao@chd.edu.cn
	Major: Solid electronics and microelectronics
	Research Direction: All-optical data process material and devices

5

	Name: GU Wenping 谷文萍
	E-mail: wpgu@chd.edu.cn
	Major: Microelectronics and Solid-state electronics
	Research Direction: <ol style="list-style-type: none"> <li>1. Semiconductor devices and circuits</li> <li>2. Application of big data in semiconductor devices</li> <li>3. Electronic engineering 3D printing application</li> </ol>

6


	Name: ZHU Wei 朱玮
	E-mail: wzhu@chd.edu.cn
	Major: Electronic engineering;
	Research Direction: Artificial intelligent, memristor, RRAM

7

	Name: ZHANG Zan 张赞
	E-mail: z.zhang@chd.edu.cn
	Major: Microelectronics and Solid state electronics
	Research Direction: <ol style="list-style-type: none"> <li>1. Silicon photonics</li> <li>2. Integrated Circuit Design</li> </ol>

电子与控制工程学院 - 交控系 (School of Electronics and Control Engineering---Transportation Engineering) :

1

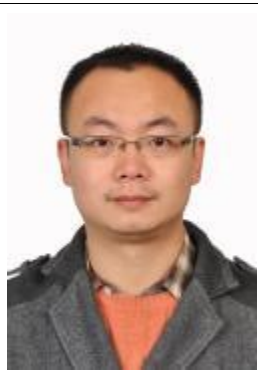
	Name: shuguang Li 李曙光
	E-mail: shgli@chd.edu.cn
	Major: traffic information engineering and control; Intelligent control theory and engineering
	<p>Research Direction:</p> <p>Intelligent Transportation system, Dynamic traffic network model, Highway mechatronic systems, machine learning and deep learning;</p> <p>Shuguang Li(Male, professor) graduated with a PhD degree in electrical engineering from Xi'an Jiaotong University in 2005. Since 2005, I have worked in the Department of Traffic Information and Control Engineering of the School of Electronic and Control Engineering, Changan University In China. Research Interests includes intelligent transportation systems, traffic management and control, expressway electromechanics, and dynamic network traffic flow theory , Machine Learning, Deep Learning, AI applications in Transportation The scientific research projects include National Natural Science Foundation of China, the Natural Science Foundation of Shaanxi Province, the Small and Medium Enterprise Venture Fund of the Ministry of Science and Technology, and the Basic Scientific Research Business Fund of the Central University of Chang'an University. 6 patents granted.</p> <p style="text-align: center;">Recruit International PhD Students.</p>

2

	Name: LU Qing-Chang 路庆昌
	E-mail: qclu@chd.edu.cn
	Major: Traffic Information Engineering and Control
	<p>Research Directions:</p> <p><b>Transportation system management and control:</b> transportation network performance modeling and analysis: network resilience, vulnerability, and reliability; traffic system planning and control</p> <p><b>Traffic information and travel behavior analysis:</b> traffic information intercorrelated with transportation system; travel behavior and life choice behavior affected by various traffic information</p> <p><b>Transportation and environment:</b> transportation system performance and air quality and built environment</p> <p><b>Transportation economics:</b> Application of econometric and economic models to understand the complexity of transportation systems</p>

电子与控制工程学院- 实验教学中心 (Experimental & Teaching Center, School of Electronics and Control Engineering) :

1

	Name: Lei Xu 雷旭
	E-mail: xulei@chd.edu.cn
	Major: Control engineering
	Research Direction: <ol style="list-style-type: none"><li>1. Power Battery Management System</li><li>2. Autonomous Vehicles Testing Method</li><li>3. Simultaneous Localization and Mapping</li></ol>


2

	Name: Li Yan-Ming 李演明
	E-mail: ymli@chd.edu.cn
	Major: Control science and Engineering
	Research Direction: Mixed signal integrated circuit and its application, new energy vehicle electronic and control system, intelligent electronic and sensing system, new sensor technology and its application, artificial intelligence software and hardware technology and its application.




电子与控制工程学院 - 自动化系 (School of Electronics and Control Engineering---Department of Automation) :

1

	Name: Yan Maode 闫茂德
	E-mail: mdyan@chd.edu.cn
	Major: Transportation information engineering and control
	Research Direction: <ol style="list-style-type: none"><li>1. Nonlinear Control Theory and Applications</li><li>2. Networked-Control Systems</li><li>3. Modeling and Control of Intelligent Interconnected Vehicle Platoon</li><li>4. Intelligent Measurement and Control Technology</li></ol>


2

	Name: Jin Yinli 靳引利
	E-mail: yljin@chd.edu.cn
	Major: Automation
	Research Direction: <ol style="list-style-type: none"><li>1. Intelligent Highway technology;</li><li>2. Highway Traffic Emergency Responding;</li><li>3. Machine learning;</li></ol>


3

	Name: Lin Hai 林海
	E-mail: linhai@chd.edu.cn
	Major: Control Science and Technology
	Research Direction: <ol style="list-style-type: none"><li>1. Power Electronics and Motor Drive</li><li>2. Embedded Systems Development</li><li>3. Robot Control Technology</li></ol>


4

	Name: Zuo Lei 左磊
	E-mail: l_zuo@chd.edu.cn
	Major: Control Theory and Applications
	Research Direction: <ol style="list-style-type: none"><li>1. Multi-agent control</li><li>2. Vehicle Platoon Control</li><li>3. Coverage Control and Model Predictive Control</li></ol>


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	Name: MengYun 孟芸
	E-mail: mengyun@chd.edu.cn
	Major: Control science and engineering
	Research Direction: 1. Intelligent Transportation Control System 2. Radio Resource Management in Vehicular Networks 3. Application of Artificial Intelligence and Graph theory


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	Name: Zhao Yi 赵毅
	E-mail: z1@chd.edu.cn
	Major: Automation
	Research Direction: 1. Machine learning 2. Deep learning 3. Sensor data fusion

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	Name: Yang Panpan 杨盼盼
	E-mail: panpanyang@chd.edu.cn
	Major: Control Science and Engineering
	Research Direction: 1.Swarm intelligence and cooperative control 2.Vehicle platoon control 3.Intelligent transportation system 4.Software development

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	Name: Zhou Jingmei 周经美
	E-mail: jmzhou@chd.edu.cn
	Major: Traffic information engineering and control
	Research Direction: 1.Intelligent vehicle positioning and navigation 2.Deep learning and computer vision 3.Artificial intelligence and information fusion

	Name: Zhu Xu 朱旭
	E-mail: zx@chd.edu.cn
	Major: Control Theory and Control Engineering
	Research Direction: 1. Cooperative Control of Unmanned Ground Vehicles 2. Formation Control of Unmanned Aerial Vehicles 3. Flight Control and Navigation