ACADEMIC TEAM

Name：CHEN Peng
Email: pchen@chd.edu.cn
Major: Information and Communication Engineering
Research interest:
acoustic/radar signal processing, dual functional
radar-communication for smart vehicles, and their applications.
Dr. Chen received the B.S. degree in information countermeasure
technology and the Doctoral degree in underwater acoustic
engineering from Northwestern Polytechnical University (NWPU),
Xi'an, China, in 2013, and 2019, respectively. Since July 2019, he
has been with the School of Information Engineering, Chang'an
University, Xi'an, China, where he is currently a Lecturer and
Post-Doctoral Fellow. His current research interests include
acoustic/radar signal processing, dual functional
radar-communication for smart vehicles, and their applications.

Name：GAO JINGJ
Email: gaojingj@chd.edu.cn
Homepage: http://js.chd.edu.cn/xxgcxy/gjj/list.htm

Research area or direction
1.Localization and navigation for Wireless Sensor Networks
2.Wireless communication technology for harsh environment
3.Wireless networking technology

Name：ZHANG SHAOBO
Email: shbzhang@chd.edu.cn
Major: http://js.chd.edu.cn/xxgcxy/zsb/list.htm
Research interest:
1. Research and Application of Intelligent Optimization Algorithm
2. Human-Robot Collaboration (HRC)
3. Intelligent Transportation System (ITS)

ACADEMIC TEAM

Name：QU BAYI

Email: 404182049@qq.com

Major: Information and Communication Engineering

Research area or direction：

1. Time-frequency measurement and control technology.

2.Navigation equipment and related signal processing technology.

3. Multi - sensor fusion technology.

4. Information acquisition and processing technology in the field of intelligent transportation.

Name：WANG QINGLONG

Email: qlwang@chd.edu.cn

Homepage: http://js.chd.edu.cn/xxgcxy/wql/list.htm

Research area or direction：

1.Privacy Protection

2.Big Data Security

3.Applications of Cryptography

Name：ZHU Yishui

Email: 2048361146@qq.com

Major: http://js.chd.edu.cn/xxgcxy/zys/list.htm

Research interest:

She seeks to exploit the rich interdependence between theory and practice in her work with interdisciplinary and integrated approaches. Her research interests include human-centric ubiquitous computing, traffic services, block-chain, behavior and cognitive informatics, big data, personal study behavior analytics, and individual modeling.

ACADEMIC TEAM

Name：Zhanwen Liu
Email: zwliu@chd.edu.cn
Computer Science，Traffic Information Engineering and Control, Intelligent Transportation

Research Field:

She has long been engaged in research on Artificial Intelligence, Deep Learning, Computer Vision, and Traffic Big Data. Orienting the new generation of intelligent networked transportation, and especially focusing on the perception of all elements of the complex and dynamic traffic environment, collaborated sensing and perception between vehicle and road, as well as the digital twin of intelligent connected highways and urban intersections in recent years, she has presided over the sub-projects of the National Key Research and Development Program, the National Key Research and Development Program, and the National Key Research and Development Program, Natural Science Foundation Youth Project, Shaanxi Province Natural Science Basic Research Project, Shaanxi Province Key Research and Development Plan Key Project and other research projects.

Name：Ni Liu
Email: niliu@chd.edu.cn
Home Page: http://js.chd.edu.cn/xxgcxy/ln/list.htm

Research area or direction：
My research area include pattern recognition, machine learning, texture image analysis, and graphical models.

Name：Fan Na
Email: fnsea@chd.edu.cn
Homepage: http://js.chd.edu.cn/xxgcxy/fn/list.htm
Major: Computer science; Cyber security
Research area or direction：
1.Wireless Sensor Networks
2.Crowding Sensing, routing, fusion
3.Cyber Security
4.Trust evaluation, resistance attacks, Protection privacy
5.Big Data Analytics

ACADEMIC TEAM

Name：CHEN ZHE
Email: zchen@chd.edu.cn
Homepage: http://js.chd.edu.cn/xxgcxy/cz_en/list.htm
Research area or direction：
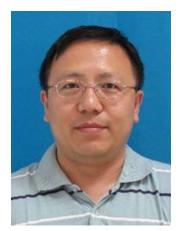1. Image processing & computer vision
2. Machine learning
3. Data mining
4. Intelligent transportation information system

Name：LIANG ZHONGHUA
Email: zh_liang@chd.edu.cn
Specialty: Information and Communication Engineering

Research interests:
Ultra-wideband technology, wireless communication theory,
Internet of Things, wireless sensor networks, and adaptive signal
processing techniques for wireless communication systems.

Name：FAN Zhonglei
Email: zlfan@chd.edu.cn
Major:
Computer Architecture
Research interests
Distributed computing and storage
Cloud computing platform technology
Big data analysis and application

ACADEMIC TEAM

Name：YANG JUN
Email: 744831666@qq.com
Major: Electronic Communication System
Research direction:
intelligent traffic system , image and vision processing

Name：YANG YUN
Email: yangyun@chd.edu.cn
Homepage: http://js.chd.edu.cn/xxgcxy/wql/list.htm

Research area or direction
1. Machine learning and application
2. Intelligent hardware security
3. Intelligent measurement and control system

Name：Ying Li
Email: yingli@chd.edu.cn
Homepage:http://js.chd.edu.cn/xxgcxy/ly_5462/list.htm

Research area and direction
1.Intelligent Traffic System
2.Transit and Traffic Simulation
3.Traffic Flow Theory and Operations

ACADEMIC TEAM

Name：CUI HUA

Email: huacui@chd.edu.cn

Home Page: http://js.chd.edu.cn/xxgcxy/ch/list.htm

Major: Traffic Information Engineering and Control, Computer Science and Technology.

Research area or direction

Research on image analysis, data mining, machine learning, deep learning and their applications in intelligent transportation and intelligent education.

1.Prediction and recognition of vehicle violations and collision

2.Vehicle profile and retrieval in video network.

3.Rapid prediction and recognition of road congestion.

4.Prediction and recognition of pedestrian crossing road.

5.Vehicle behavior analysis using Radar-video fusion.

6.Face recognition, facial expression recognition, emotional analysis

Name：Zhaoyang Zhang

Email: zhaoyang_zh@chd.edu.cn

Major: Computer Science and Technology

Research area:

Pattern recognition and machine intelligence, video and image processing (focus on object detection, object tracking, feature extracting and matching, image registration, multi-camera calibration), full-time and full-space vehicle surveillance (focus on spatial-temporal distribution information of vehicle, time calibration and space reconstruction for video-based traffic surveillance system), traffic video analysis and application (focus on vehicle loads for bridge structural health monitoring, traffic flow and traffic safety for long tunnel operation), 3D-based vehicle construction and AI algorithms