### 导师照片



Name: Yachuan Liang

School of Electronics and Information, lecturer, master supervisor

Teaching Courses: Atomic physics

Research Field and Interests: Regulation of triplet excitons,

luminescent applications of triplet excitons,

phosphorescent biosensing

Major Projects:

1. National Natural Science Foundation of China (12304474),

2. Natural Science Foundation of Henan (252300421222)

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### 导师照片



Name: Weihua Liu

School of Electronics and Information, associate professor, master supervisor

**Teaching Courses**: 《Electromagnetic Fields and Waves》, 《Radio Waves and Antennas》, 《Data and Communication Security》, 《Combinatorial Mathematics》

Research Field and Interests: Wireless communication, intelligent reflecting surfaces (IRS), interference management

### Major Projects:

- 1. National Natural Science Foundation of China (61901418);
- 2. Science and Technology Research Projects of Henan Province (202102210124, 232102211062);
- 3. Young Backbone Teacher Training Program project

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导师照片	
	Zijiong li  School of Electronic Information, Ph.D, Professor, Doctoral Supervisor  Teaching Courses: Solid State Physics, New Energy Technology, and Microelectronic Materials and Devices.  Research Field and Interests: Manufacturing and application of graphene materials
	Major Projects: National Natural Science Foundation of China (NSFC, 12474176), Provincial Science and Technology Research Projects, the Project of Central Plains Science and Technology Innovation Leading Talents (254000510013)  Email: zijiongli@zzuli.edu.cn

### 导师照片



Name: Jimin Shang

School of Electronics and Information, professor, master supervisor

Teaching Courses: Optoelectronic Materials and Devices

Research Field and Interests:

low-dimensional semiconductor optoelectronic devices;

semiconductor lasers.

### Major Projects:

- 1. Projects of the Natural Science Foundation of Henan Province (202300410507, 232300420151, 242300420293);
- 2. Henan Province Basic and Frontier Technology Research Program (142300410244);
- 3. Key Scientific Research Project of Colleges and Universities in Henan Province (19A140022)

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### 导师照片



### Name: Yuanyuan Zhang

School of Electronics and Information, lecturer, master supervisor Teaching Courses: Digital Signal Processing, C Language Programming, and Fundamentals and Applications of Python Programming

Research Field and Interests: signal processing in wireless communication systems, message passing, and factor graph theory.

Major Projects:

- 1. National Natural Science Foundation of China (62101506)
- 2. Science and Technology Research Projects of Henan Province (222102210255)

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Supervisor Photo



Name: Zhi-Feng ZHANG

School of Electronics and Information, professor, master supervisor

Teaching Courses: Photoelectric Detection Technology,

Laser Technology,

Machine Vision

Research Field and Interests: Photoelectric Detection Technology;

Machine Vision;

Circuit Analysis

### **Major Projects**:

- 1. Henan science and technology development plan project (182300410189);
- 2. Key Research Projects of Higher Education Institutions in Henan Province (23B416001);
- 3. Henan Major Science and Technology Project (221100230100)

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### 导师照片



Name: Yunqi Hao

School of Electronics and Information, professor, master supervisor

Teaching Courses: Applied Optics,

Physical Optics,

Optical fiber sensing Technology

Research Field and Interests: fiber sensor;

fiber laser

### **Major Projects:**

- 1. Science and Technology Research Project of Henan Province (242102211088);
- 2. Young Backbone Teachers Program in University of Henan Province (2021GGJS092);
- 3. Key Scientific Research Project of Colleges and Universities in Henan Province (25A510006)

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Name: Jiang Liying

College of Electronic and information, Professor, Doctoral Supervisor. She has been honored with titles such as Leading Talent in Zhongyuan Science and Technology Innovation, Academic and Technical Leader of Henan Province, Outstanding Talent in Henan Science and Technology Innovation, Outstanding Youth in Henan Science and Technology Innovation, and Zhongyuan Young Top Talent. She leads the "Biomedical Electromagnetic Theory and Sensing Applications" Innovation Team of Henan Higher Education Institutions and serves as a council member of the Henan Young Science and Technology Workers Association and the Henan Electronics Society.

Teaching Courses: Photoelectric Detection Technology

Research Field and Interests: Her research primarily focuses on the development and application of novel sensors, microelectronics and optoelectronics, intelligent sensors, and detection technologies.

Major Projects: She has presided over more than 10 national and provincial-level projects, including the National Natural Science Foundation of China (NSFC), Key R&D Programs of Henan Province, Joint Fund Key Projects of Henan Science and Technology R&D Plan, and sub-projects of Henan Major Science and Technology Projects. As the first contributor, she has received two Second Prizes and one Third Prize of the Henan Provincial Science and Technology Progress Award. She has published over 50 SCI-indexed papers as the corresponding author, co-authored three monographs, and holds 23 authorized patents (ranked top three inventors).

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### 导师照片



Name: Wang Haiyan

College of Electronic and information, Professor, Master supervisor. Henan Provincial Young Backbone Teacher, Henan Provincial Excellent Teaching Pacemaker, Henan Provincial Chief Science Popularization Expert, and current Deputy Director of the Quantum Science and Technology Research Institute.

**Teaching Courses:** Materials Synthesis and Preparation; Optoelectronic Materials and Devices; Thin Film Materials and Thin Film Technology; LED Packaging and Design.

**Research Field and Interests:** Semiconductor optoelectronic materials and devices.

Major Projects: National Natural Science Foundation of China (NSFC) Youth Project (1). Henan Provincial Science and Technology Research Projects (2). Henan Provincial Young Backbone Teacher Cultivation Project (1). She has published over 20 SCI-indexed papers.

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导师照片	
导师照片	Name: Liu Dewei School of Electronics and Information, Professor, Master's Supervisor.  Teaching Courses: Information Functional Materials, Optoelectronic Materials and Devices, and Principles and Design of Integrated Circuits.  Research Field and Interests: Semiconductor photoelectric conversion and detection, low-dimensional information materials and devices, and nanomaterials for energy storage.  Major Projects: National Level: Led/participated in 7 projects funded by the National Natural Science Foundation of China (NSFC).
	Provincial/Ministerial Level: Directed/collaborated on 12 provincial and ministerial-level projects.
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### 导师照片



Name: Renzhong Xue

School of Electronics and Information, Associate Professor,

Master's Supervisor.

### **Teaching Courses:**

Information Functional Materials, Optoelectronic Materials and Devices, and Principles and Design of Integrated Circuits.

#### **Research Field and Interests:**

Dielectric materials and capacitors, Varistors, and Energy storage materials and devices.

#### **Major Projects:**

- 1. Science and Technology Research Project of Henan Province (242102241040, 12102210485);
- Key Scientific Research Project of Colleges and Universities in Henan Province (20A430033)

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