福州大学 物理与信息工程学院

孙捷

研究员

平板显示国家地方联合实验室和中国福建光电信息科学与技术创新实验室（目前仅有的4个福建实验室之一，对标国家实验室，发展机会大）的骨干教授，博导。毕业于大连理工大学、中科院半导体所、瑞典隆德大学，曾在瑞典查尔摩斯理工大学任教。

长期从事半导体材料和器件、二维材料和器件的应用基础研究。

主要研究方向：1、氮化镓Micro LED及其在下一代显示技术中的应用；2、新型二维材料的大面积生长及其在纳电子学中的应用；3、其他半导体材料和器件。科研方向是学术前沿以及应用前景极强的领域，也是现在最受国家重视的专业。

主要成果：发表被SCI收录的论文120余篇，授权专利9项，承担多个国家级、省部级项目，做邀请报告20余次。

招收学术和专业硕士、博士、博士后。研究条件以及待遇：1. 在国家级实验室从事科研工作，提供先进的实验设备和充足经费。组内师生关系融洽、科研气氛好、有良好的办公条件；2. 在本校研究生待遇基础上，优秀者可获奖学金，亦可获组内科研奖金；3. 团队与国内外研究机构、企业密切合作，有较多机会参与国内外学术交流合作，毕业前景好。

本组发展势头好，国内外学术交流密切，欢迎进行学术、产业和项目的合作（jie.sun艾特fzu.edu.cn）或来访交流。

In English:

Prof. Jie Sun is a major researcher, full professor and doctoral advisor at the National and Local United Engineering Laboratory of Flat Panel Display Technology, College of Physics and Information Engineering, Fuzhou University, as well as the newly launched Fujian Science & Technology Innovation Laboratory for Optoelectronic Information of China (one of the only four Fujian laboratories that are constructed with the National Laboratory standard, which has great development opportunities). He graduated in turn from Dalian U. Technology, Institute of Semiconductors of Chinese Academy of Sciences, and Lund University. He was working at Chalmers U. Technology as a faculty member before coming to Fuzhou.

He has been engaged in basic and applied research on semiconductor materials and devices, as well as two-dimensional materials and devices for a long time.

Main research directions: 1. GaN micro LEDs and their applications in the next generation display technology; 2. Large area growth of new two-dimensional materials and their application in nanoelectronics; 3. Other bulk or 2D semiconductor materials and devices. Those research directions are at the academic frontier and also in the fields with strong application prospects. They are in line with the most urgent need of the country.

Main achievements of J. Sun: published more than 120 papers indexed by Web of Science, was granted 9 patents, was responsible for several major projects, and gave more than 20 invited talks.

Continuously recruiting master, doctoral, and postdoctoral students. Research conditions and benefits: 1. We offer the opportunity to do scientific research in national laboratory, providing advanced experimental equipment and sufficient funds. Excellent students can

get scholarships and research prizes or awards; 3. The team has close collaboration with domestic and foreign research institutions and enterprises. Students have more opportunities to participate in academic exchanges and collaborations domestically and abroad, and have a good graduation prospect.

Cooperation from academic, industrial and grant aspects is warmly welcome (jie.sun AT fzu.edu.cn).