



# School of Material Science & Engineering

北京大学深圳研究生院  
材料学院(筹)

Email: [panfeng@szpku.edu.cn](mailto:panfeng@szpku.edu.cn)



北京大学 深圳研究生院  
PEKING UNIVERSITY SHENZHEN GRADUATE SCHOOL



# PKUSZ

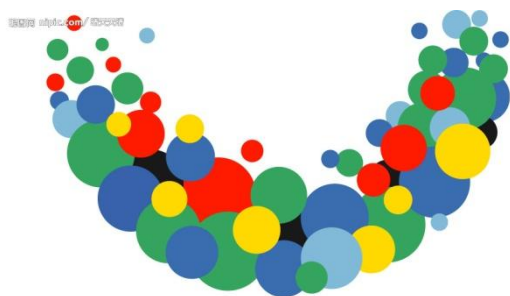
- **Peking University Shenzhen Graduate School (PKUSZ) primarily focus on full-time graduate education. PKUSZ's goal is to build a world-class international campus of PKU in Shenzhen.**





# SHEN ZHEN CITY

- Founded in Shenzhen, a pioneer city leading China's Reform and Opening-up Policy, PKUSZ has inherited PKU's traditions of honor, responsibility and commitment, and is promoting higher education initiatives, cultural heritage and education renewal.



**Universiade SHENZHEN 2011**



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# History

2000

2001-2002

2003

2005

2008

2010



Foundation of  
PKU  
Shenzhen  
Graduate  
School

The first  
management  
leading team is  
formed

PKU Shenzhen  
moves from its  
temporary campus  
in Shenzhen High-  
Tech Zone to  
University Town

First graduation  
ceremony of  
students having  
completed an  
entire program of  
study at PKU  
Shenzhen

HSBC Foundation  
donates RMB 150M

The cornerstone  
laying ceremony  
of Peking Drug  
Discovery Center  
is held at PKU  
Shenzhen.



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# Principles

- **New Frontiers**



- **Applied Research**



- **Interdisciplinary Studies**



- **International Standards**





## 基本情况

### 北京大学深圳研究生院



### 全日制学生情况



全日制学生2408人  
硕士研究生2194人  
博士研究生214人，其中留学生60人  
学生来自五大洲

共培养全日制研究生6144人，  
其中博士研究生363人，硕士研究生5781人  
30%毕业生选择在深圳工作



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## 师资队伍特征一： 国际化

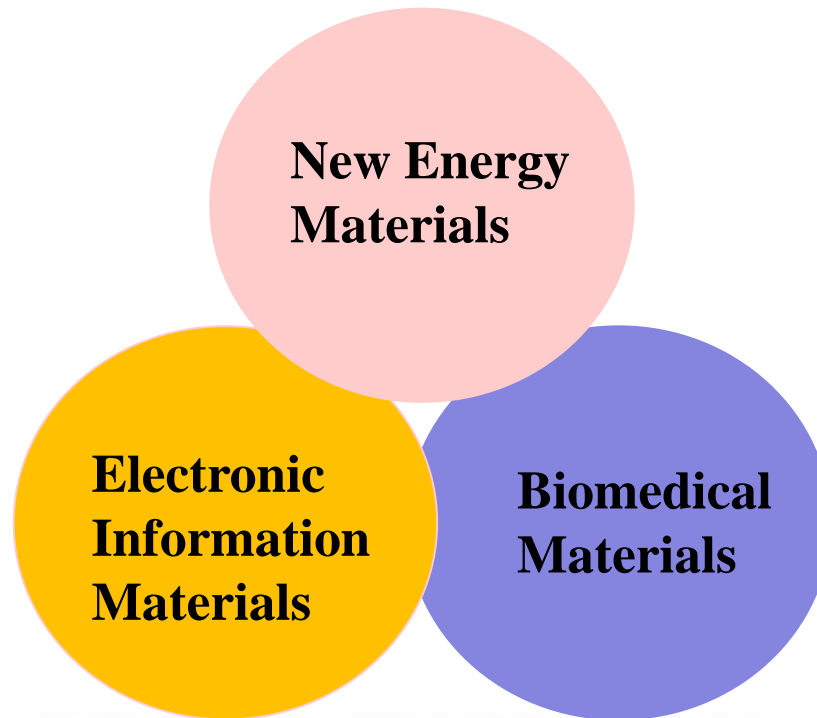
2011年截至目前，全职教师120人，其中外籍专家43人，港澳台专家6人，留学归国人员43人。

绝大多数青年教师拥有哈佛、斯坦福、加州大学、康奈尔等世界一流大学的教育背景，极具创新活力。





# Material Science & Engineering





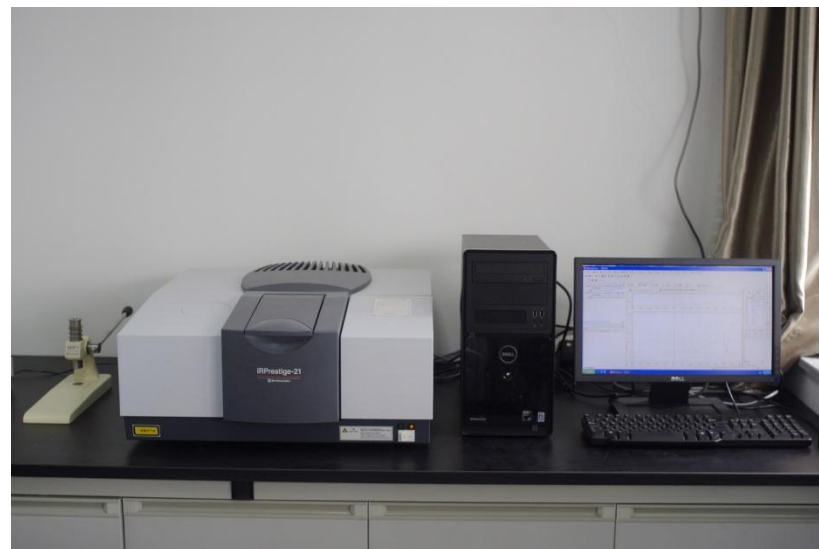
# Lab Environment



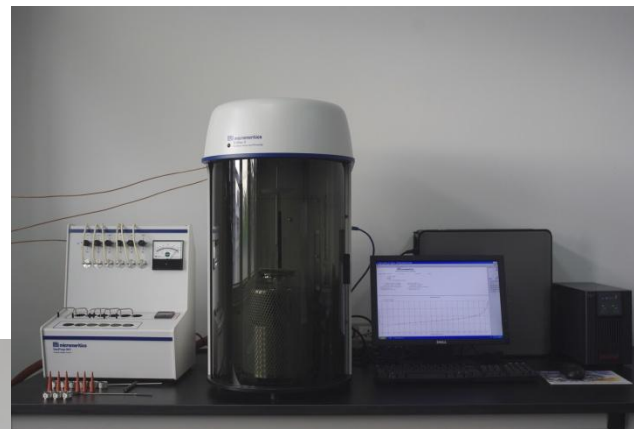
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# Optical Characterization Lab



# Micro-particle Characterization Lab





# CVD Fabrication Lab





# Thin Film Solar Cell Lab

- **Characterization**
  - Solar Simulator
  - Spectral Response System
  - UV/Vis
  - Four Probe Station
- **Fabrication**
  - Sputter Coater
  - Thin Film Evaporator
  - Glove Box





# Supporting Instruments



X射线单晶衍射仪



基质辅助激光解吸电离串联飞行时间质谱仪



流式细胞仪



药物筛选平台



500兆核磁共振谱仪



细胞生物学实验室



# Faculty members

**Fred Pan**  
**Professor**  
**Ph.D. Strathclyde University**



**Hang Zhou**  
**Assistant Professor**  
**Ph.D. Cambridge University**  
**Post.Doc London Centre for Nanotechnology**



**Jun Liang**  
**Associate Professor**  
**Ph.D. Cambridge University**  
**Post.Doc London Centre for Nanotechnology**





# Joint faculty members

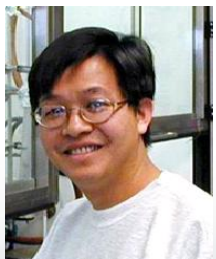
## Chemistry



**David Zhigang Wang**  
Associate Professor  
Ph.D. Columbia University  
Postdoc Columbia University



**Zigang Li**  
Associate Professor  
Ph.D. University of Chicago  
Postdoc Harvard University



**Chi-Sing Li**  
Associate Professor  
Ph.D. University of Indiana

## Information



**Zhao Yu Zhang**  
Associate Professor  
Ph.D. California Institute of Technology  
Postdoc Lawrence Berkeley  
National Lab

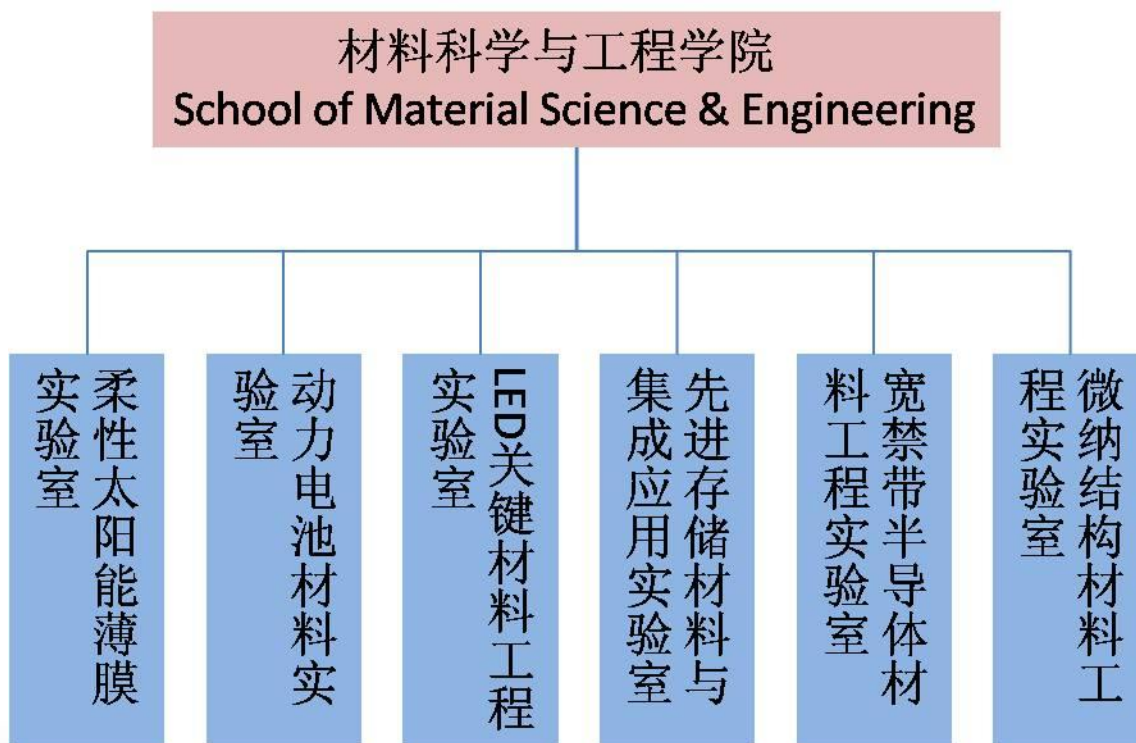


**Xin Nan Lin**  
Associate Professor  
Ph.D. HKUST





# Key Labs





# Recruitment

- **Opening Positions:**
  - Associate Professor: 5**
  - Assistant Professor: 8**
  - Engineer/Technician: 2**





# Benefits

- **Local Competitive pay**
- **Government Scholarship/Fellowship**

Program Level	Program	Bonus	Information Source
National	千人计划、青年千人、青年拔尖	0.5-1m RMB	<a href="http://www.1000plan.org">www.1000plan.org</a> <a href="http://www.safea.gov.cn">www.safea.gov.cn</a>
Province	广东领军人才	1m RMB	<a href="http://Guangdong.caiep.org">Guangdong.caiep.org</a>
ShenZhen	孔雀计划	0.8-1.5m RMB	<a href="http://www.szhrss.gov.cn/hdjl/ztlm/gccrcfwgl/xwgg/kgjh">www.szhrss.gov.cn/hdjl/ztlm/gccrcfwgl/xwgg/kgjh</a>





# Thank You

- Questions are welcome



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