# **Department of Geomatics Science and Technology**

## (—) Doctoral Supervisor & Master's Supervisor



NAME: 张勤 Qin Zhang

**SEX** : Female

**Contact:** zhangqinle@263.net.cn +86-13709296678

**RESEARCH AREA**: (1) Geodesy and Geodynamics

(2) High precision data processing and application based on

GNSS and InSAR technologies

(3) Geological disaster monitoring and prediction

(4) BDS/GNSS navigation and positioning

**More Information:** http://js.chd.edu.cn/dzgcychxy/zq102/list.htm



NAME: 李振洪 Zhenhong LI

**SEX** : MALE

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### **RESEARCH AREA:**

- (1) InSAR atmospheric correction
- (2) Advanced InSAR time series
- (3) High-rate GNSS data processing
- (4) Remote Sensing
- (5) Continental deformation
- (6) Active faults and earthquakes
- (7) Landslide detection, monitoring and early warning
- (8) Ground subsidence in river deltas
- (9) Structural deformation of dams, buildings, railways, and motorways
- (10) Atmospheric water vapour
- (11) Environmental changes (e.g. Lake water level change, coastal erosion, flood mapping and aerosol monitoring)

**MORE Information:** http://js.chd.edu.cn/dzgcychxy/lzh103\_en/list.htm



NAME: 韩玲 Ling Han

**SEX:** Female

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## **RESEARCH AREA**:

(1) Geological Remote Sensing

(2) Aerial and Spaceborne Photogrammetry and Remote Sensing

(3) Remote Sensing Technology and Application

(4) Remote Sensing for Natural Resources and Environment

(5) Land Consolidation

More Information: http://js.chd.edu.cn/dzgcychxy/hl103/list.htm



NAME:张永志 Zhang Yongzhi

SEX : Male

Contact: zhangyz@chd.edu.cn +86-13991976630

**RESEARCH AREA**: (1) Crustal deformation

(2) Satellite gravimetry and It's application

(3) InSAR application in monitorring regional deformation

(4) Inversion of fault movement from geodetic observations

More Information: http://js.chd.edu.cn/dzgcychxy/zyz/list.htm



NAME: 赵超英 Chaoying Zhao

SEX : Male

Contact: cyzhao@chd.edu.cn +86-13087559416

### **RESEARCH AREA:**

(1) Theory of measurement data processing

(2) SAR and interferometric SAR (InSAR) techniques

(3) Theory and method of deformation monitoring

(4) The surface deformation associated with land subsidence, ground fissure, mining-induced collapse, landslide with different trigger factors and geotectonic faults movements

(5) Inversion of geological hazard mechanism

More Information: http://js.chd.edu.cn/dzgcychxy/zcy102/list.htm



NAME: 黄观文 Guanwen Huang

SEX: Male

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## **RESEARCH AREA**:

(1) GNSS orbit determination and positioning

(2) Low-cost navigation and positioning equipment

(3) Geological hazard monitoring and early warning

(4) Geological data mining technology

**More Information:** http://js.chd.edu.cn/dzgcychxy/hgw/list.htm



NAME: 王利 Li Wang

SEX : Male

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**RESEARCH AREA**: (1) Global Navigation Satellite System (GNSS) Positioning

Data Processing

(2) Theories and Methods for Geohazard Deformation

Monitoring

More Information: http://js.chd.edu.cn/dzgcychxy/wl104/list.htm



NAME: 瞿伟 Wei Qu

SEX: Male

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RESEARCH AREA: (1) High precision data processing of space geodesy (GNSS, InSAR, GRACE/GRACE-FO)

(2) Crustal deformation inversion and modelling

(3) Geological hazard monitoring

(4) Geological hazard numerical simulation and mechanism

**More Information:** http://js.chd.edu.cn/dzgcychxy/jw100/list.htm



NAME:朱武 Zhu Wu

SEX : Male

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**RESEARCH AREA**: (1) Multi-temporal Interferometric Synthetic Aperture Radar

(2) Ionospheric parameters estimation

(3) Geological disaster monitoring and analysis

**More Information:** http://js.chd.edu.cn/dzgcychxy/zw103/list.htm



NAME: 张双成 Shuangcheng ZHANG

**SEX** : Male

**Contact:** shuangcheng369@chd.edu.cn +86-02982339251

**RESEARCH AREA**: (1) Geodesy and Geodynamics

(2) Satellite navigation and positioning

(3) GNSS Remote Sensing

(4) GNSS and SAR for Geological hazards

More Information: http://js.chd.edu.cn/dzgcychxy/zsc/list.htm



NAME:杨成生 Chengsheng Yang

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## **RESEARCH AREA**:

1) InSAR automated intelligent data processing technology;

2) Monitoring and stability analysis of glaciers and glacial lake activities;

3) InSAR geological disasters large-scale survey and high-precision monitoring;

4) Deformation mechanism and model simulation;

More Information: http://js.chd.edu.cn/dzgcychxy/ycs/list.htm



NAME: 杨贵军 Yang Guijun

SEX: Male

Contact: guijun.yang@163.com

#### **RESEARCH AREA:**

- (1) Agricultural Quantitative Remote Sensing Mechanism and Application
- (2) UAV-based Remote Sensing
- (3) Spatio-temporal fusion for remote sensing data
- (4) Eco-environment Remote Sensing
- (5) Hyperspectral Remote Sensing
- (6) Smart Agriculture

#### **More information:**

Prof. Yang Guijun is a distinguished researcher with expertise in agricultural quantitative remote sensing mechanisms and applications. He currently serves as the Director of Remote Sensing Department of the National Engineering and Technology Center for Information Agriculture(NETCIA). Additionally, He holds the prestigious positions of Changjiang Scholar Distinguished Professor and Ph.D. supervisor.

He is also the director of the Key Laboratory of Agricultural Remote Sensing Mechanism and Quantitative Remote Sensing under the Ministry of Agriculture and Rural Affairs, and the editorial board member for the international SCI journal "Remote Sensing" and the editor-in-chief for the special issue of "Frontiers in Plant Science." Prof. Yang Dr. Yang is the principal investigator for the 13th Five-Year National Key Research and Development Project.

Prof. Yang has made significant contributions to innovative research in areas such as crop spectral mechanism modeling and quantitative inversion, remote sensing spatio-temporal fusion and prediction, and field phenotype perception for breeding. He has published 154 SCI/EI papers in renowned international journals, including "Remote Sensing of Environment," "Field Crops Research," and "ISPRS Photogrammetry and Remote Sensing." His scholarly impact is underscored by his consecutive inclusion in the Elsevier China Highly Cited Scholars List since 2020 and acknowledgment in Stanford University's list of the world's top 2% scientists.

Furthermore, Prof. Yang has authored two monographs, been granted one international PCT invention patent, and received authorization for 21 national invention patents. He has also been

recognized with four certificates for new technologies and products, two provincial-level local standards, and five prestigious awards, including the First Prize of the Zhejiang Provincial Science and Technology Progress Award, the First Prize of the Henan Provincial Science and Technology Progress Award, the First Prize of the Ministry of Education Science and Technology Progress Award, the First Prize of the Surveying and Mapping Science and Technology Progress Award, and the Second Prize of the Shennong China Agricultural Science and Technology Award.



NAME: 余琛 Chen Yu

SEX : Male

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### **RESEARCH AREA**:

(1) (In)SAR

(2) Optical remote sensing

(3) GNSS-PPP-RTK

(4) Deep learning and Data Mining

(5) InSAR atmospheric ocean tide loading, and earth tide corrections

(6) InSAR time series

(7) Numerical weather model

More Information: https://js.chd.edu.cn/dzgcychxy/yc2/list.htm



NAME: 李盼 Pan Li

SEX : Male

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### **RESEARCH AREA**:

(1) Data processing of GNSS precise positioning

(2) Precise satellite clock bias estimation

(3) GNSS atmospheric delay modeling

More Information: https://js.chd.edu.cn/dzgcychxy/lp2/list.htm



NAME: 席江波 Jiangbo Xi

**SEX:** Male

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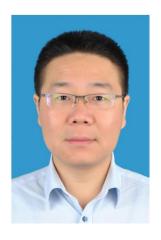
## **RESEARCH AREA**:

(1) Remote sensing image processing

(2) Machine learning and deep learning

(3) Objects detection, segmentation, and tracking

 $\textbf{More Information:} \ \, \text{http://js.chd.edu.cn/dzgcychxy/xjb\_en/list.htm}$ 



NAME: 丁明涛 Mingtao Ding

**SEX:** MALE

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### **RESEARCH AREA:**

1) Investigate and monitor geological disasters by remote sensing, including landslide, flood, etc.

2) Statistics-based remote sensing image processing: classification, registration and change detection.

3) Machine learning specifically on the topics of regression analysis, dictionary learning, sparse modeling, and compressive sensing kernel methods.

4) The intersection of machine learning and Bayesian statistics focusing on statistical inference with deep learning and deep learning with probabilistic methods.

**MORE:** http://js.chd.edu.cn/dzgcychxy/dmt/list.htm



Li Xin, male, Doctor of Engineering, graduated from Wuhan University with a major in Geodesy and Survey Engineering. He is currently an Associate Professor and Doctoral Supervisor at Chang'an University. He mainly engages in multi-source fusion navigation and positioning such as Beidou/GNSS/inertial/visual/laser/UWB, as well as the theory and application of autonomous (denied) navigation and positioning for UAVs/robots in complex environments.

In recent years, he has presided over 4 national-level projects including the National Natural Science Foundation of China (Youth/General Program) and sub-projects of the Key Research and Development Program of the Ministry of Science and Technology, and 3 provincial-level projects such as the Shaanxi Provincial Natural Science Foundation, the Key Research and Development Program of Shaanxi Provincial Science and Technology Plan, and the China Postdoctoral Science Foundation General Program. As the first/corresponding author, he has published more than 20 high-level academic papers in renowned domestic and foreign journals such as Acta Geodaetica et Cartographica Sinica, GPS Solutions, and IEEE journals. He has won awards including the First Prize of Science and Technology Progress Award and the Special Prize of Teaching Achievement Award of China Satellite Navigation Association. He serves as a Young Editorial Board Member of the Journal of Navigation, Positioning and Timing, and a Reviewer for academic journals such as GPS Solutions and Advances in Space Research.

**More Information:** http://js.chd.edu.cn/dzgcychxy/lx 9662/list.htm

## (二) Master's Supervisor



NAME: 姜刚 Jiang Gang

SEX : Male

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**RESEARCH AREA**: (1) Precision engineering survey

(2) Deformation monitoring and data processing

(3) Resources and environment monitoring

(4) 3S technology and integration

More Information: http://js.chd.edu.cn/dzgcychxy/jg/list.htm



NAME: 张菊清 Zhang Juqing

**SEX** : FEMALE

Contact: zhangjq@chd.edu.cn +86-18092649369

**RESEARCH AREA:** 

(1) Geographic information analysis and services

(2) high precision data processing

MORE Information: http://js.chd.edu.cn/dzgcychxy/zjq/list.htm



NAME: 王腾军 Tengjun Wang

SEX : Male

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**RESEARCH AREA**: (1) Precise engineering survey

(2) Land investigation

More Information: http://js.chd.edu.cn/dzgcychxy/zy/list.htm



NAME: 惠文华 Hui Wenhua

**SEX:** Female

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**RESEARCH AREA**:

Remote sensing image interpretation

Remote sensing monitoring of Geological Disaste

More Information: http://js.chd.edu.cn/dzgcychxy/hwh/list.htm



NAME:杨丽萍 Liping Yang

**SEX**: Female

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**RESEARCH** AREA: (1) Quantitative Remote Sensing of Environment

(2) 3S Integrated Applications

**More Information:** http://js.chd.edu.cn/dzgcychxy/ylp100/list.htm



NAME: 杨耘 Yun Yang

**SEX:** FEMALE

**Contact:** yangyunbox@163.com +86-15009240169

## **RESEARCH AREA:**

(1) Geological disaster recognition and monitoring using remote sensing technology

- (2) Natural resources and eco-environment monitoring using remote sensing technology
- (3) Statistical and machine learning theory for remote sensing data processing intelligently

More Information: http://js.chd.edu.cn/dzgcychxy/yy103/list.htm



NAME: 孟妮娜 Meng Nina

**SEX**: Female

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**RESEARCH AREA**: (1) Cartographic generalization

(2) Spatial pattern recognition

(3) PDF map

(4) Geographic Information Engineering

More Information: http://js.chd.edu.cn/dzgcychxy/mnn/list.htm



NAME: 邹维宝 Weibao Zou

SEX : Male

**Contact:** wb.zou@chd.edu.cn +86-15129655391

**RESEARCH AREA**: (1) Integrated navigation system;

(2) Digital Elevation Models generated by InSAR images;

(3) Remote sensing image classification based on AI;

(4) Deep learning; pattern recognition;

**More Information:** http://js.chd.edu.cn/dzgcychxy/zwb/list.htm



NAME: 赵丽华 LiHua Zhao

SEX: Female

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**RESEARCH AREA**: (1) Processing Method of Geodecy Data

(2) Deformation Analysis of Geological disaster

 $\textbf{More Information:} \ \ http://js.chd.edu.cn/dzgcychxy/zlh/list.htm$ 



NAME: 王丽霞 Lixia Wang

**SEX:** FMALE

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## **RESEARCH AREA:**

(1) Eco-environment assessment based on RS and GIS

(2) Hydrology processes monitoring and modelling

(3) Land use change and carbon dynamic

**MORE:** http://js.chd.edu.cn/dzgcychxy/wlx/list.htm



NAME:徐翠玲 Xu Cuiling

**SEX** : Female

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## **RESEARCH AREA:**

(1) Theory and method of GIS

(2) Computer Cartography

(3) Quantitative Remote Sensing

More Information: http://js.chd.edu.cn/dzgcychxy/xcl100/list.htm



NAME: 胡羽丰 Yufeng Hu

SEX : Male

**Contact:** yfhu@chd.edu.cn +86-19802929170

### **RESEARCH AREA**:

1) GNSS-Reflectometry and its applications

2) GNSS Troposphere and its applications GNSS

MORE Information: http://js.chd.edu.cn/dzgcychxy/hyf/list.htm



NAME: 任超锋 Chaofeng Ren

SEX : Male

**Contact:** rencf@chd.edu.cn +86-18729981156

### **RESEARCH AREA**:

(1) Unmanned aerial vehicle photogrammetry

(2) Combined digital camera design and data preprocessing

(3) On-orbit geometric calibration and accuracy analysis of space borne optical sensors

(4) Joint calibration and measurement of multi-source sensors

**More Information:** http://js.chd.edu.cn/dzgcychxy/rcf/list.htm



NAME:刘宁 Liu Ning

SEX: Male

Contact: ningliu@chd.edu.cn, 13689196170

### **RESEARCH AREA**:

(1) Real-time atmospheric water vapor detection method by vehicle-borne mobile GNSS based on CORS network

(2) Real-time and high precision positioning by GNSS

(3) Multi-parameter real-time monitoring and early warning of loess landslide using universal Beidou/GNSS

More Information: https://js.chd.edu.cn/dzgcychxy/ln102/list.htm



NAME: 丛铭 Cong Ming

SEX : Male

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## **RESEARCH AREA**:

(1) Remote sensing image classification

(2) Photogrammetric modeling

(3) Building and road extraction

(4) Hyperspectral remote sensing ground object monitoring

More Information: http://js.chd.edu.cn/dzgcychxy/cm101/list.htm



NAME: 赵建林 Jianlin Zhao

SEX : Male

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## **RESEARCH AREA**:

(1) GIS and RS for Geo-ecological assessment

(2) Soil erosion and carbon dynamic

(3) land use change and modelling

(4) Earth surface processes and modelling

More Information: http://js.chd.edu.cn/dzgcychxy/zjl103/list.htm



NAME: 王乐 Le Wang

**SEX** : Male

**Contact:** 

WangLe18@chd.edu.cn

### **RESEARCH AREA**:

(1)GNSS precise orbit determination and positioning data processing.

(2) Precise data processing of LEO satellites

(3) Integrity technology

More Information: https://js.chd.edu.cn/dzgcychxy/wl\_10082/list.htm



NAME: 田镇 Zhen Tian

**SEX** : Male

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### **RESEARCH AREA**:

(1) Crustal deformation monitoring using InSAR, GPS, and leveling data

(2) Geological hazard identification and risk assessment

(3) Earthquake cycle dynamics

(4) Subduction/collision zones; dynamic processes of the Tibetan Plateau

More Information: https://js.chd.edu.cn/dzgcychxy/tz2/list.htm



NAME: 高美玲 Meiling Gao

**SEX:** Female

Contact: gaomeiling@chd.edu.cn, 17791432564

## **RESEARCH AREA**:

 ${\bf (1)}\ \ {\bf Fusion\ of\ multi-source\ big\ data}$ 

(2) Application of urban thermal environment



NAME: 舒宝 Bao Shu

**SEX** : Male

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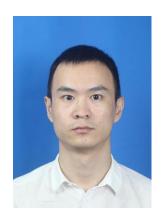
#### **RESEARCH AREA**:

 $\textbf{(1)} \ \ \textbf{GNSS} \ \textbf{navigation/positioning algorithm and its application}$ 

(2) Integrity monitoring for GNSS high-precision positioning

(3) Multi-sensor fusion for geological hazard monitoring and warning

More Information: https://js.chd.edu.cn/dzgcychxy/sb101/list.htm



NAME: 白林 Lin Bai

SEX : Male

Contact: bailin@chd.edu.cn, 15191576917

#### **RESEARCH AREA**:

(1) Large scale land deformation monitoring using InSAR

(  ${\bf 2}$  ) Theory and method of aquifer parameters and groundwater storage change estimation

(3) Glacier motion and geological hazard monitoring

More Information: https://js.chd.edu.cn/dzgcychxy/bl101/list.htm



NAME: 王晨 Chen Wang

**SEX** : Male

Contact: chen.wang@chd.edu.cn, +86 15623071768

#### **RESEARCH AREA**:

(1) Precise orbit determination for GNSS and LEO satellites

(2) Data processing of navigation and positioning

(3) Satellite geodesy with modern geodetic techniques

More Information: https://js.chd.edu.cn/dzgcychxy/wc7/list.htm



NAME: 宋闯 Chuang Song

SEX : Male

Contact:chuang.song@chd.edu.cn

## **RESEARCH AREA**:

(1) Imaging Geodesy

(2) Interferometric Synthetic Aperture Radar (InSAR)

(3) Research on Earthquakes, Landslides, and Other Natural Disasters

More Information: http://js.chd.edu.cn/dzgcychxy/sc2/list.htm



NAME: 杜源 Yuan Du

SEX : Male

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## **RESEARCH AREA**:

(1) Differentially Enhanced High-Precision Satellite Positioning

(2) Satellite/Visual/Inertial Navigation Fusion Technology

(3) Identification, Monitoring, and Early Warning of Geohazards

**More Information:** http://js.chd.edu.cn/dzgcychxy/dy2/list.htm



NAME: 康俊华 Junhua Kang

**SEX** : FEMALE

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## **RESEARCH AREA:**

(1) Image Matching

(2) Visual Perception, Object Detection and Recognition

(3) Image-Based 3D Reconstruction

(4) Multi-Source Integrated Navigation

(5) Agricultural Remote Sensing

**MORE Information:** http://js.chd.edu.cn/dzgcychxy/kjh2/list.htm



NAME: 崔博斌 Bobin Cui

**SEX** : Male

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## **RESEARCH AREA:**

(1) Data processing of satellite navigation and positioning

(2) Atmospheric Modeling

(3) Multi-source Sensor Cooperative Positioning Technology

More Information: https://js.chd.edu.cn/dzgcychxy/cbb/list.htm

# Department of Geological Engineering

# (一) Doctoral Supervisor & Master's Supervisor



NAME 姓 名: 彭建兵 Jianbing Peng

**SEX** 性 别: 男

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RESEARCH AREA 研究方向:

(1) 工程地质

- (2) 地震工程
- (3) 地质灾害及岩土工程
- (1) Engineering geology
- (2) Seismological engineering
- (3) Geological disaster and geotechnical engineering

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/pjb/list.htm



NAME 姓 名: 范文 Wen Fan

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RESEARCH AREA 研究方向:

(1) 黄土微结构观测与重构

(2) 岩土本构与强度理论

(3) 黄土高原地区地质灾害评价与防治

(4) 秦巴山区地质灾害机理、评价及防治

(1) Loess microstructure observation and construction

(2) Geotechnical constitutive relations and strength theory

(3) Evaluation and prevention of geohazards in Loess Plateau

(4) Evaluation and prevention of geohazards in Qin-ba Mountain

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/fw/list.htm



NAME 姓 名: 兰恒星 Hengxing Lan

**SEX** 性 别: 男

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#### RESEARCH AREA 研究方向:

(1) 多尺度岩土体变形破坏机理

- (2) 环境地质灾害动力学过程模型与风险分析
- (3) 遥感 GIS 在工程地质中的应用
- (1) Multi-scale geotechnical deformation and failure mechanism
- (2) Dynamic process modeling in environmental geological disaster related field and risk analysis
- (3) Application of remote sensing GIS in engineering geology MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lhx/list.htm



NAME 姓 名: 李同录 Tonglu Li

**SEX** 性 别: 男

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RESEARCH AREA 研究方向:

非饱和土力学、地质环境和地质灾害。

Professor of Geological Engineering at Chang' an University, China. He had ever been Head of the Department of Geological Engineering and Vice-dean of the School of Geological Engineering and Geomatics. He has been involved in geological research, consulting and education for more than 25 years. He is the author or co-author of more than 200 scientific papers and published the books 《Landslide Disaster Mitigation in Three Gorges Reservoir, China》 and 《Progress of Geo-Disaster Mitigation Technology in Asia. He sits in the Editorial Board of Geo-environmental Disasters. He is Secretary General of International Consortium on Geo-disaster Reduction. He has consulted for many key projects of urban buildings, highways, hydro-power stations, oil-gas transfer lines and nuclear electric plants in China. His research interests are focused on unsaturated soil mechanics, geo-environment and geo-disaster. In recent years, he has achieved three National Natural Science Funds and a National Basic Research Program which are related to the unsaturated loess permeability and loess geo-disasters.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/ltl/list.htm



NAME 姓 名: 倪万魁 Wan-kui Ni

**SEX** 性 别: 男

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#### RESEARCH AREA 研究方向:

倪万魁,男,汉族,宁夏固原市人,1965年11月出生,中国民主建国会会员。博士研究生学历,工学博士,博硕士研究生导师,三级教授。长安大学岩土力学与工程研究所所长,国家注册岩土工程师。主要研究领域为环境工程地质、特殊土力学与工程,从事城市及重大工程地质环境质量评价、地质灾害预测评价与防治、黄土力学特性、冻土力学与冻融灾害评价及黄土挖填高边坡设计与防护等方面研究。近些年先后主持和参与国家自然科学基金重点及面上项目、国家"973"子项目、科技部科技支撑计划项目、陕西省重点科技攻关和科技统筹创新项目、交通部西部交通建设重大科技攻关项目等十余项;在国内外核心学术刊物公开发表学术论文40余篇,合作出版专著6部;获得省部科技进步一等奖2项、二等奖3项和三等奖3项;获陕西省教学成果特等奖1项;获长安大学优秀教师和科技工作先进个人荣誉称号4次。

Professor Wan-kui Ni is three-level Professor and doctoral supervisor in Department of Geological Engineering, Chang' An University. He was born from Guyuan City, Ningxia Hui Autonomous Region in November 1965. Prof. Ni had received his PhD degree from Geological Engineering in 1999 at Xi'an College of Engineering and then carried out post-doctoral research at School of Civil Engineering, Chongqing University from 2000 to 2003. At present, he is the director of the Institute of Geomechanics and Engineering, Chang' An University and a National Registered Civil Engineer (Geotechnical). His research interests mainly cover environmental engineering geology and special soil mechanics and engineering, including geo-environmental assessment of cities and major projects, evaluation and

prevention of geological disasters, mechanical properties of loess, mechanical properties of frozen soil, evaluation of Freeze-thaw disaster, design and protection of loess slope, etc. In recent years, prof. Ni has presided over a number of national projects, such as the key project of the National Science Foundation of China, the National Science Foundation of China, sub-project from National Program on Key Basic Research Project (973 Program), National Science and Technology Infrastructure Program, Key Science and Technology Program of Shaanxi Province, Science and technology innovation projects of Shaanxi Province, Major Scientific and Technological Research Project of Western Transport Construction by the Ministry of Communications, etc. He has published more than 40 academic papers in core academic journals and co-authored six books. Prof. Ni has won lots of the provincial and ministerial science and technological progress award, including 2 first prizes, 3 second prizes and 3 third prizes. He has obtained 1 "Teaching achievements special prize of Shaanxi Province". He also has been successively awarded 4 honorary titles: "Outstanding Teacher of Chang'An University" and "Advanced individuals in scientific and technological work".

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/nwk/list.htm



NAME 姓 名:宋彦辉 Yanhui Song

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RESEARCH AREA 研究方向:

主要研究方向为岩体工程,包括岩质边坡稳定性、岩体破坏准则、岩体力学参数、岩体质量等。

Yanhui Song received his PhD degree in geological engineering from Chengdu University of Technology in 2003. His main research area is rock mechanics and rock engineering. He has presided over and participated in the research work of engineering geological problems of Gongboxia, Laxiwa, Jishi Gorge, Xiaoxia, Ciha Gorge, Yangqu, Maerdang, Xiangjiaba, Wulongnong, Zhenan, Xiaqu and other power stations. In 2009-2010, he was a visiting scholar in the Department of Earth Sciences, Simon Fraser University in Canada for one year.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/syh/list.htm



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#### RESEARCH AREA 研究方向:

(1) 土动力学与岩土地震工程;

- (2) 黄土力学与工程;
- (3) 地质灾害成因机理与防灾减灾
- (1) Soil Dynamics and Geotechnical Earthquake Engineering
- (2) Loess Mechanics and Engineering
- (3) Prevention and Mitigation of Geo-hazards

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/dyh/list.htm



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#### RESEARCH AREA 研究方向:

(1) 岩溶山区高位远程滑坡的地质调查与风险评估

- (2) 黄土滑坡稳定性评价
- (3) 西部复杂山体地质灾害监测预警与综合防范研究
- (1). Geological survey and risk assessment of high location & long run-out landslide in karst mountainous area
- (2). Stability evaluation of loess landslide
- (3). Monitoring, early warning and comprehensive prevention of geological disasters in complex mountains in Western China

MORE 更多信息: http://dcxy.chd.edu.cn/LB.pdf



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RESEARCH AREA 研究方向:

(1) 黄土力学与地质灾害防治

(2) 城市工程地质与地下空间工程

(3) 交通岩土工程

(4) 岩土地震工程与抗震减灾

Professor of School of Geological Engineering and Geomatics of Chang' an University, expert with special government allowances of the State Council, mainly engaged in the teaching, research and engineering practice of geological and civil engineering. He has presided over 3 projects of the National Natural Science Foundation of China, 2 National key Research & Development projects, more than 10 major horizontal projects. He has won 5 national science and technology progress awards and provincial and ministerial awards. He has authorized 10 national invention and new practical patents, 3 published books, and published more than 100 journal articles. Train more than 30 master and doctoral students. Deputy director of engineering geology Committee of Chinese Geological Society, Director of Shaanxi geotechnical mechanics and Engineering Society, Editorial board member of Journal of engineering geology (in China) . His main research area including: (1) Loess Mechanics and Geohazard Control; (2) Urban Engineering Geology and Underground Space Engineering; (3) Traffic Geotechnical Engineering; (4) Geotechnical Earthquake Engineering.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/hqb/list.htm



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RESEARCH AREA 研究方向:

(1) 地裂缝的形成机理及防治对策;

(2) 特殊岩土的力学性质及其灾害效应。

Professor Quanzhong LU got his Ph.D. in Chang' an University in China, and did post-doctoral research in Institute of Rock and Soil mechanics, Chinese Academy of Sciences and visiting scholar research at Iowa State University for one year. He is now a responsible professor of Geological disaster science and Engineering, doctoral supervisor of Geological Engineering and director of Institute of engineering geology and hydrogeology from School of Geological Engineering and Geomatics, Chang' an University. He is also in charge of Observation and Research Station of Ground Fissure and Land Subsidence, Ministry of Natural Resources. His main research area including the formation mechanism and prevention countermeasures of ground fissures, the mechanical properties of special rock and soil and their disaster effects.

The formation mechanism and Prevention Countermeasures of ground fissures; the mechanical properties of special rock and soil and their disaster effects MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lqz/list.htm



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RESEARCH AREA 研究方向:

(1) 黄土微结构

(2) 黄土动力学及地震地质灾害

- (3) 地质灾害机理与防灾减灾
- (1) Loess microstructure
- (2) Loess dynamics and seismic geological hazards
- (3) Geohazard mechanisms, prevention and mitigation

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/dls/list.htm



NAME: 翟越 Yue Zhai

 $\ensuremath{\mathsf{SEX}}$  : Male

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RESEARCH AREA:

(1) Rock dynamics

(2) Fire and explosion protection

(3) Building safety monitoring

(4) Underground space safety

More Information: http://js.chd.edu.cn/dzgcychxy/zy/list.htm



NAME 姓 名: 黄达 Da Huang

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RESEARCH AREA 研究方向:

(1) Disaster Physics

(2) Geological Hazard Chain

 $(3) \ \ {\it Green Prevention and Control of Geological \ Hazards}$ 

(4) Smart Engineering Geology

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/hd1/list.htm



NAME 姓 名: 祝艳波 Yanbo Zhu

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## RESEARCH AREA 研究方向:

(1) 滑坡灾害机理分析与防治

(2) 岩土体工程性质与稳定性

(3) 非饱和土力学的教学与科研工作

- (1) Mechanism analysis and prevention of landslide
- (2) Engineering properties and stability of rock and soil mass
- (3) Unsaturated soil mechanics

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zyb/list.htm



NAME: 申艳军 Shen Yanjun

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#### **RESEARCH AREA:**

(1) Ecological geological environment of Qinling mountain;

(2) Engineering geological disaster and prevention of rock mass in cold area.

#### More Information:

Shen Yanjun, male, Han nationality, born in October 1984, member of CPC, professor, doctoral supervisor, is now the young top talents selected by the National "Ten Thousand People Plan" of the Ministry of Organization and Development of China, a selected candidate of the "Special Support Program" of Shaanxi Province, a selected candidate of the Young Outstanding Talents of Shaanxi Province, and a Young Rising Star of Science and Technology of Shaanxi Province. He has presided over more than 10 scientific research projects at provincial and ministerial levels, including 4 National Natural Science Foundation of China projects (1 special, 2 surface and 1 youth), 1 National Key Research and Development Program project (sub-task), and 5 provincial Natural Science Foundation projects; he has won 1 first and 3 third prizes for scientific and technological progress in Shaanxi Province, 3 Science and Technology Awards of Higher Education Institutions in Shaanxi Province, and 2 Science and Technology Awards of China Coal Industry Association; he has published more than 60 high-level papers, and authorized more than 10 young talents. more than 60 high-level papers, 13 authorized invention patents, and 2 monographs.



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RESEARCH AREA 研究方向:

(1) 非饱和土力学

(2) 岩土工程可靠度分析

(1) Unsaturated soil mechanics

(2) Geotechnical engineering reliability analysis

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lp/list.htm



NAME 姓 名: 刘志云 Zhiyun Liu

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RESEARCH AREA 研究方向:

(1) Mechanisms of Engineering Environmental Thermal Hazards

(2) Evaluation and Protection

(3) Smart Safety (in Transportation, Public Safety, Emergency Response) MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lzy100/list.htm



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RESEARCH AREA 研究方向:

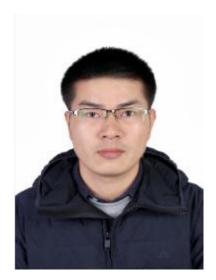
(1) Fine Characterization of Geotechnical Mass Three-dimensional Structure

(2) Disaster-causing Mechanisms and Risk Prevention and Control of Geological Hazards

(3) Integrated Remote Sensing Technologies

(4) Ecological Restoration and Management

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zjw101/list.htm



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RESEARCH AREA 研究方向:

(1) Eco-geological Engineering

(2) Loess Mechanics and Engineering

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/mqy1/list.htm



NAME 姓 名: 朱兴华 Xinghua Zhu

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#### RESEARCH AREA 研究方向:

- (1) 泥石流动力学过程研究;
- (2) 堰塞湖溃坝模式与过程研究;
- (3) 黄土地质灾害链的链生机制与风险防控。
- (1) Research on the dynamic process of debris flow.
- (2) Failure mode and breaching process of landslide dams.
- (3) Chain generation mechanism and risk prevention and control of Loess geological hazard.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zxh/list.htm



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## RESEARCH AREA 研究方向:

- (1) 活动构造
- (2) 地裂缝
- (3) 区域稳定工程地质
- (1) active fault
- (2) ground fissure
- (3) seismic hazard and landslide risk

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/hwl/list.htm

NAME 姓 名: 徐强 Qiang Xu

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RESEARCH AREA 研究方向:

- (1) 建构筑物工程抗震性能研究
- (2) 考虑地裂缝活动作用的建构筑物变形破坏与防治研究
- (3) 地下空间开发建造技术与信息模型
- (1) Seismic performance of engineering structures
- (2) Damage and prevention of structures considering ground fissure activity
- (3) Construction technology and information model of underground space development MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/xq/list.htm



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RESEARCH AREA 研究方向:

(1) Soil Water Infiltration Law

(2) Landslide Mechanism

(3) Loess Geological Hazard Chain Process

(4) Disaster Scenario Reconstruction

(5) Monitoring and Early Warning

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/mph/list.htm



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RESEARCH AREA 研究方向:

(1) Disaster-Causing Mechanisms and Resilience-Based Prevention and Control Technologies for Landslides on Open-Pit Mine Slopes

(2) Resource Utilization of Mine Solid Waste and Low-Carbon Geomaterials for Ecological Restoration

(3) Repair, Reinforcement, and Failure Mechanisms of Engineering Materials/Structures

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zzh3/list.htm



NAME: 吕艳 Lyu yan

**SEX** : Female

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## RESEARCH AREA:

(1) Prevention in Geologica Scenic Spots

(2) Assessment of Geological relics

(3) Safety of Tourism Resources and Environment

More Information: http://js.chd.edu.cn/dzgcychxy/ly\_7748/list.htm

# (二) Master's Supervisor



NAME 姓 名: 宋飞 Songfei

SEX 性别:男

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#### RESEARCH AREA 研究方向:

(1) 地质灾害防治、地质灾害调查与评价、滑坡的治理工程设计与优化;

- (2) 边坡工程、基坑支护工程等的岩土工程的设计与优化;
- (3) 矿山生态环境、地质环境的恢复治理。
- (1) Geological disaster prevention and control, geological disaster investigation and evaluation, design and optimization of landslide control engineering;
- (2) Geotechnical engineering design and optimization of slope engineering, foundation pit support engineering, etc;
- (3) Restoration and management of mine ecological environment and geological environment.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/sf/list.htm

NAME 姓 名: 林鸿州 Hongzhou Lin

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#### RESEARCH AREA 研究方向:

- (1) 非饱和土力学;
- (2) 地质灾害防治;
- (3) 保护土遗址。
- (1) Unsaturated soil mechanics;
- (2) Mitigation of geo-harzards;
- (3) Protection of earthern heritage sites.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lhz/list.htm



NAME 姓 名: 刘海松 Haisong Liu

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#### RESEARCH AREA 研究方向:

- (1) 水文地质工程地质;
- (2) 工程地质环境与灾害;
- (3) 环境地质学;
- (4) 岩土与地基基础。
- (1) Hydrogeology and engineering geology;
- (2) Engineering geological environment and disasters;
- (3) Environmental geology;
- (4) Geotechnical and foundation.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lhs/list.htm



NAME 姓 名: 张常亮 Zhang Changliang

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RESEARCH AREA 研究方向:

(1) 黄土地质灾害形成机理和防治

(2) 岩土力学数值计算和应用

(3) 非饱和黄土力学特性

(1) Mechanism and prevention of geological disasters

(2) Numerical simulation and application of geotechnical mechanics

(3) Mechanics of unsaturated loess

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zcl/list.htm



NAME 姓 名: 成玉祥 Yuxiang Cheng

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RESEARCH AREA 研究方向:

(1) 黄土力学与黄土地质灾害形成机理

(2) 黄土侵蚀

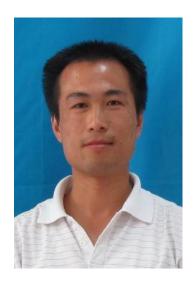
(3) 泥石流灾害形成机理

(1) Loess Mechanics and formation mechanism of loess geological disasters

(2) Loess erosion

(3) Formation mechanism of debris flow disaster

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/cyx/list.htm



NAME 姓 名: 陈新建 Xinjian Chen

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#### RESEARCH AREA 研究方向:

- (1) 斜坡稳定性研究
- (2) 滑坡机理研究
- (3) 地质灾害防治研究
- (4) 黄土力学性质研究
- (1) Study on slope stability
- (2) Study on mechanism of landslide
- (3) Prevention and govern of geological disasters
- (4) Study on Loess mechanics

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/cxj/list.htm



NAME 姓 名: 吴明 Wu Ming

SEX 性别:男

E-MAIL 邮 箱: eagleming@chd.edu.cn

## RESEARCH AREA 研究方向:

- (1) 深基坑工程;
- (2) 地裂缝对构建筑物影响;
- (3) 环境扰动对地铁隧道建设、运营影响。
- (1) Deep excavation;
- (2) effects of ground fissure dislocation on infrastructure;
- (3) disturbance effects on the serviceability and construction of subway.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/wm/list.htm



NAME 姓 名: 曹琰波 Yanbo Cao

SEX 性别:男

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## RESEARCH AREA 研究方向:

(1) 地质灾害机理及风险防控

- (2) 抽水引起地面沉降机理研究
- (3) 矿山恢复治理防治设计
- (4) 地质灾害评估、勘察、设计

CAO Yanbo, an associate professor at School of Geological Engineering and Geomatics, Chang' an University. He got his PhD degree from Institute of Geology and Geophysics, Chinese Academy of Sciences, Beijing. His research interests include engeering geology and geological hazards. Leading and in charge of eight scientific research projects, including three NSFC projects (Youth, General), More than 10 papers published.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/cyb/list.htm



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#### RESEARCH AREA 研究方向:

(1) 特殊土渠道渠基稳定及工程灾变机理研究

- (2) 吐鲁番黄土的工程性质及坎儿井保护研究
- (3) 大厚度湿陷性黄土湿陷性评价与处置技术研究
- (4) 特殊土地区海绵城市建设市政工程结构优化设计研究
- (1) Study on stability of canal foundation and mechanism of engineering disaster in special soil
- (2) Engineering properties of Turpan loess and protection of Karez
- (3) Study on Collapsibility evaluation and disposal technology of large thickness collapsible loess
- (4) Study on optimization design of municipal engineering structure for sponge city construction in special area

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/ap/list.htm



NAME 姓 名: 石玉玲 Yuling Shi

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RESEARCH AREA 研究方向:

(1) 岩土工程

(2) 地质工程相关的地质灾害致灾机理

(3) 治理设计及监测预报

1. Geotechnique engineering

2. Mechanism of geological hazards of engineering geology

3. Disaster control design and monitoring

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/syl/list.htm



NAME 姓 名: 刘鑫 Xin Liu

SEX 性别:男

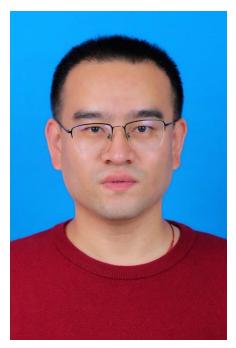
E-MAIL 邮 箱: xliu67@chd. edu. cn; liuxinsunny08@126. com

RESEARCH AREA 研究方向:

(1) 颗粒材料微观几何形貌与运动、力学特性及宏观地质灾害

- (2) 考虑水-化环境耦合的黄土灾害及动静力特性(包括动静力条件下场地液化、小应变动力学参数测量等)
- (1) Particle geomorphology and associated dynamic motions, mechanical properties and macroscopic geohazards
- (2) Dynamic and static properties of loess and the influence of loess geo-hazards (including site liquefaction under dynamic-static conditions, small strain parameter measurements, etc.)

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lx\_5689/list.htm



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#### **RESEARCH AREA**:

(1) Prevention and control of geological hazards

(2) Rock and soil mass test

More Information: https://js.chd.edu.cn/dzgcychxy/lp\_6169/list.htm

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## RESEARCH AREA 研究方向:

- 1、黄土地质灾害研究
- 2、秦巴山区地质灾害研究
- 1. Study on Loess geological hazards
- 2. Study on geological hazards in Qinba Mountain Area

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/ywn/list.htm



NAME 姓 名: 孟振江 Zhenjiang Meng

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RESEARCH AREA 研究方向:

1、地质灾害成因机理与防灾减灾

2、区域工程地质

3、岩土体稳定性

1. The cause mechanism of geological disasters and disaster prevention and mitigation

2. Regional Engineering Geology

3. Rock and soil stability

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/mzj/list.htm



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#### RESEARCH AREA 研究方向:

(1) Geological Hazard Mitigation

(2) Formation Mechanism of Ground Fissures

(3) Impact of Ground Fissures on Major Engineering Projects MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/1c100/list.htm



NAME 姓 名: 冷艳秋 Yanqiu Len

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RESEARCH AREA 研究方向:

(1) Rock and Soil Mass Stability and Geological Hazard Prevention and Control MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lyq101/list.htm

NAME 姓 名: 付昱凯 Yukai Fu

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#### RESEARCH AREA 研究方向:

- $(1) \ \ Theory, \ Implementation \ and \ Numerical \ Computation \ of \ Geotechnical \ Constitutive \ Models$
- (2) In-situ Testing of Geotechnical Materials
- (3) Water-Soil Interaction in Loess, and Geological Hazard Assessment & Prevention MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/fyk/list.htm



NAME 姓 名: 李安 An Li

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#### RESEARCH AREA 研究方向:

(1) 中国西部祁连山活动构造和地震地质研究;

- (2) 中国东部郯庐断裂带发震构造和地震灾害风险分析;
- (3) 地震场地效应三维建模方法研究;
- (4) 四川凉山地区活动断层普查和地震危险性分析
- (1) active fault and seismology;
- (2) seismic risk;
- (3) paleoseismology

MORE 更多信息: http://dcxy.chd.edu.cn/LA.pdf



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RESEARCH AREA 研究方向:

(1) Rock and Soil Mechanics and Geohazards

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/kxs/list.htm



NAME: 孙巍锋 Weifeng Sun

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#### **RESEARCH AREA**:

(1) Macro and micro deformation and failure mechanisms of rock and soil mass,

(2) The Control Mechanism of Plants on Shallow Stability of Soil Slopes,

(3) Intelligent monitoring and warning of stability of geotechnical structures.

More Information: https://js.chd.edu.cn/dzgcychxy/swf/list.htm



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## RESEARCH AREA 研究方向:

(1) Observation and Three-Dimensional Characterization of Soil Microstructure

(2) Regularities and Mechanisms of Loess Collapsibility and Permeability

(3) Mechanisms of Urban Land Subsidence

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/wyn100/list.htm

NAME 姓 名: 于渤 Bo Yu

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#### RESEARCH AREA 研究方向:

- (1) Research on Loess Microstructure and Disaster Mechanisms
- (2) Multi-scale Observation and Characterization Methods for Geotechnical Materials
- (3) Mechanical Analysis of Porous Materials

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/yb100/list.htm



NAME: 谭维佳 Tan Weijia

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## **RESEARCH AREA**:

(1) Theory of disaster dynamics and risk analysis

(2) Prevention and control of geological hazards

(3) Theory of rock mechanics and engineering

More Information: https://js.chd.edu.cn/dzgcychxy/twj/list.htm



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#### RESEARCH AREA 研究方向:

(1) Deformation and Instability Mechanisms and Stability Assessment of Large-Scale Rock Slopes

- (2) Damage Mechanical Properties of Rock Discontinuities and Their Disaster-Causing Effects
- (3) 3D In-Situ Stress Evolution and Disaster-Preparation Mechanisms in Deep-Cut Valley Regions under Complex Environments
- (4) Physical Model Testing of Slopes and Multi-Field Monitoring Techniques
- (5)Layered Infiltration Characteristics and Microstructural Evolution of Mountainous Residual-Deluvial Soils
- (6) Comprehensive Soil Quality Evaluation Based on Multivariate Statistical Methods
- (7) Progressive Evolution Mechanisms of the Triple Hazards (Ecological Damage, Soil-Water Hazards, and Geological Disasters) in the Qinling Mountain Region

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/nyb/list.htm



NAME 姓 名: 张贝 Bei Zhang

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## RESEARCH AREA 研究方向:

(1) Mechanisms and Risk Reduction of Long-Runout Geological Disasters Triggered by High-Position Sources in Alpine Cold Regions

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zb2/list.htm



NAME 姓 名: 沈伟 Wei Shen

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#### RESEARCH AREA 研究方向:

(1) Formation and transformation mechanisms of cascading hazards involving high-speed landslides, dammed lakes, impulse waves, and flooding; and process simulation to inform risk assessment

- (2) Causes of compound/multi-hazard chains (e.g., landslide-debris flow transformation and convergence), physical principles behind dynamics like multi-hazard superposition and erosion/scouring, and methods for their assessment and prediction
- (3) Machine learning (AI)-based models and methods for natural hazard prediction
- (4) Intelligent monitoring and early warning of natural hazards using seismic signals and other relevant data
- (5) Numerical simulation methods: Material Point Method (MPM), Finite Volume Method (FVM), Smoothed Particle Hydrodynamics (SPH), Finite Element Method (FEM), Finite Difference Method (FDM)

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/sw2/list.htm



NAME 姓 名: 贾智杰 Zhijie Jia

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#### RESEARCH AREA 研究方向:

(1) Formation Mechanisms of Ground Fissure Disasters

(2) Landslide Hazard-Formation Mechanisms and Disaster-Triggering Processes

(3) Coupled Geodynamic Modeling of Surface Processes and Deep-Seated Structures MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/jzj/list.htm

# **Department of Geophysics**

# (-) Doctoral Supervisor & Master's Supervisor



NAME 姓 名: 李庆春 Li Qingchun

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#### RESEARCH AREA 研究方向:

- (1) 多分量地震勘探;
- (2) 多尺度地球物理信号分析;
- (3) 矿产地球物理调查;
- (4) 地质灾害精细地球物理探测。
- (1) Multicomponent seismic exploration;
- (2) Multiscale geophysical signal analysis;
- (3) Geophysical survey of mineral resources;
- (4) Geophysical detection of geological hazards.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lqc/list.htm



NAME: 张继锋 Jifeng Zhang

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#### **RESEARCH AREA**:

(1) Modeling of electromagnetic field in geophysics

(2) Sparse domain electromagnetic inversion method

(3) Electromagnetic exploration theory and its application

More Information: https://js.chd.edu.cn/dzgcychxy/zjf100/list.htm



NAME 姓 名: 邵广周 Shao Guangzhou

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RESEARCH AREA 研究方向:

地震成像与地球物理信号处理

Shao Guang-zhou, Ph. D, Associate professor, master's supervisor. He graduated from Chang' an University with a bachelor's degree in 2000, a master's degree in 2003 and a doctorate in 2009. He is engaged in seismic exploration teaching and research work.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/sgz/list.htm



NAME 姓 名: 戚志鹏 QI Zhipeng

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RESEARCH AREA 研究方向: 瞬变电磁偏移成像与反演

TEM migration imaging and inversion

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/qzp/list.htm



NAME: 周建美 Jianmei Zhou

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#### **RESEARCH AREA**:

(1) Theory and application of geophysical electromagnetic method

(2) Forward and inverse algorithms of geophysical electromagnetic methods

 $\textbf{(3)} \ \ \textbf{Geophysical joint inversion and interpretation of mineral exploration}$ 

More Information: https://js.chd.edu.cn/dzgcychxy/zjm/list.htm



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#### RESEARCH AREA 研究方向:

(1) 勘探地球物理学(地震勘探)

(2) 地震波传播与成像

(3) 波动方程数值模拟与全波形反演

(1) Exploration geophysics (seismic exploration); (2) Seismic wave propagation and imaging; (3) Numerical modeling of wave equation and full waveform inversion

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/rzm/list.htm



NAME: Song Luo

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**RESEARCH AREA**:

(1) Seismology

(2) Surface wave imaging

(3) Seismic ambient noise imaging

(4) Time-lapse seismology

(5) Lithospheric structure and continental dynamics

More Information: https://js.chd.edu.cn/dzgcychxy/ls1/list.htm

# (□) Master's Supervisor

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#### RESEARCH AREA 研究方向:

- (1) 横波分裂与各向异性
- (2) 震源参数反演
- (3) 地震前兆探测与地震预报
- (1) Shear wave splitting and anisotropy
- (2) Earthquake source parameters inversion
- (3) Earthquake precursor detection and earthquake prediction

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/wwd/list.htm



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#### RESEARCH AREA 研究方向:

1、地震数据和探地雷达数据分析与处理;

2、地震信号稀疏表示方法、压缩感知(CS);

3、地震全波形反演(FWI);

4、高铁地震学与噪声成像等。

- (1) Analysis and processing of seismic data and ground penetrating radar (GPR) data;
- (2) Sparse representation of seismic signals and compressive sensing(CS);
- (3) Seismic full waveform inversion (FWI);
- (4) High-speed rail seismology and seismic noise imaging.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/bqz/list.htm



NAME: 李宇 Yu Li

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#### **RESEARCH AREA**:

- (1) Seismic Methods for Hydrocarbon, Mineral and Geotechnical Exploration
- (2) Seismic Investigation Technologies for Active Faults and Geological Hazards (e.g., Landslides, Mudflows)
  - (3) Urban Surface Wave Imaging Using Active and Passive Sources
  - (4) Advanced Processing and Imaging of Complex Seismic Data
  - (5) Deep Earth Structure Imaging with Seismic Noise Techniques

More Information: https://js.chd.edu.cn/dzgcychxy/ly108/list.htm



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RESEARCH AREA 研究方向:

CRS 地震成像技术

地震数据处理方法与算法

(1) CRS-based seismic imaging methods

(2) Seismic data processing methods and algorithms

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lgh/list.htm



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#### RESEARCH AREA 研究方向:

(1) 地球物理信号处理; (2) 地震资料解释及储层预测。

(1) Seismic signal processing

 $\ensuremath{\text{(2)}} \ensuremath{\text{Seismic signal interpretation and reservior prodiction}}$ 

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zsh/list.htm

NAME 姓 名: 武银婷 Wu Yinting

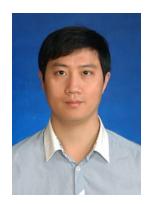
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RESEARCH AREA 研究方向: (1) 多次波压制及成像研究

- (2) 微地震数据处理及裂缝位置反演
- (3) VSP 数据处理及解释
- (4) 数学形态学方法及应用研究
- (1) Multiples suppression and imaging research
- (2) Microseismic data processing and fracture position inversion
- (3) VSP data processing and interpretation
- (4) Mathematical Morphological research and applications

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/wyt/list.htm



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# RESEARCH AREA 研究方向:

(1) 测井资料处理与解释; (2) 岩石物理;

(1) Well Logging Interpretation (2) Rock Physics

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/wf/list.htm

NAME 姓 名: 孙乃泉 Sun naiquan

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RESEARCH AREA 研究方向: (1) 常规地球物理勘探

- (2) 地空瞬变电磁勘探基本理论及应用研究
- (1) Exploration geophysics(2) Basic theory and application of ground-airborne
- (3) transient electromagnetic method

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/snq/list.htm



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# RESEARCH AREA 研究方向:

(1) 位场反演

(2) 深部构造

(3) 海洋地球物理

(1) Potential field data processing and inversion

(2) Deep structure

(3) Marine geophysics

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/zjf/list.htm



NAME 姓 名: 邱世灿 Shican Qiu

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RESEARCH AREA 研究方向:

激光雷达观测以及地球中高层大气研究工作

Lidar Detection

Middle and Upper Atmosphere Research

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/qsc/list.htm



NAME **姓 名:** 齐彦福

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#### RESEARCH AREA 研究方向:

(1) 复杂介质模型地球物理电磁场三维数值模拟方法;

(2) 瞬变电磁三维反演方法及其在时间域航空电磁和地面瞬变电磁法领域中的应用

(1) 3D numerical simulation for geophysical electromagnetic field in complex medium;

(2) 3D inversion algrithm for trasient electromagnetic data and its application in time-domain airborne EM and ground TEM.

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/qyf/list.htm



NAME: 岳崇旺 Yue Chongwang

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# **RESEARCH AREA**:

(1) Theory and method of geophysical logging

(2) Processing and interpretation of geophysical logging data

(3) Theory of petrophysics

**More Information:** https://js.chd.edu.cn/dzgcychxy/ycw/list.htm



NAME 姓 名: 刘致水 Zhishui Liu

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#### RESEARCH AREA 研究方向:

(1) Research and Application of Intelligent Prediction Methods for Oil and Gas

(2) Research and Application of Seismic Rock Physics Methods

(3) Research and Application of Pre-stack Seismic Data Inversion Methods

(4) Development and Application of New Technologies for Seismic Data Interpretation

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lzs\_9328/list.htm



NAME 姓 名: 胡景 Jing Hu

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# RESEARCH AREA 研究方向:

(1) Seismic Travel-time Tomography, 3D Body-wave Q-tomography, Velocity Variation Imaging

- (2) Array Signal Processing & Rapid Detection of Weak Signals
- (3) Exploration of Deep Learning Applications in Seismic Inversion
- (4) Software Integration

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/hj2/list.htm



NAME: 董怀民 Huaimin Dong

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#### **RESEARCH AREA**:

(1) Petrophysical experiments and digital rock technology

(2) Characterization of unconventional resources such as natural gas hydrate

(3) Well logging interpretation and evaluation

More Information: https://js.chd.edu.cn/dzgcychxy/dhm/list.htm



NAME 姓 名: 马见青 Jianqing Ma

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# RESEARCH AREA 研究方向:

(1) Time-Frequency Domain Polarization Analysis and Applications of Multi-Component Seismic Data

(2) Research on Multi-Wave Pre-Stack Migration Imaging and Its Applications in Deep Geophysical Exploration

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/mjq100/list.htm



NAME: 宋莎 Sha Song

**SEX** : 女 Female

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#### **RESEARCH AREA**:

(1) Multicomponent seismic data processing and inversion

(2) Identification and saturation estimation of gas hydrates

More Information: https://js.chd.edu.cn/dzgcychxy/ss100/list.htm



NAME: 徐世刚 Shigang Xu

**SEX** : Male

**Contact:** xusg2310@chd.edu.cn +86-18810988370

#### **RESEARCH AREA**:

(1) Numerical simulation and imaging of seismic waves in special surface conditions and geological structures

(2) Evaluation, optimization and design of seismic acquisition systems

(3) Seismic simulation and imaging with DAS equipment collection

(4) Shallow geological structure engineering exploration

More Information: https://js.chd.edu.cn/dzgcychxy/xsg/list.htm



NAME 姓 名: 李兴旺 Xingwang Li

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#### RESEARCH AREA 研究方向:

(1) Seismic Wave Propagation Characteristics in Anisotropic Media

(2) Ray Tracing in Elastic/Viscoelastic Anisotropic Media

(3) Fresnel Volume Ray Forward Modeling and Imaging

(4) Seismic Tomography

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/lsw101/list.htm



NAME 姓 名: 杨子强 Ziqiang Yang

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#### RESEARCH AREA 研究方向:

(1) Seismic Tomography

(2) Geotectonics

(3) Study of Earth's Deep Structure and Dynamic Processes

MORE 更多信息: http://js.chd.edu.cn/dzgcychxy/yzq2/list.htm

# **Department of Safety Science and Engineering**

# (—) Doctoral Supervisor & Master's Supervisor



NAME: 翟越 Yue Zhai

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#### RESEARCH AREA:

(1) Rock dynamics

(2) Fire and explosion protection

(3) Building safety monitoring

(4) Underground space safety

More Information: http://js.chd.edu.cn/dzgcychxy/zy/list.htm



NAME: 刘志云 Zhiyun Liu

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# RESEARCH AREA:

(1) Permafrost highway engineering;

(2) Thermal safety and prevention of engineering diseases in cold regions

More Information: http://js.chd.edu.cn/dzgcychxy/lzy/list.htm

# 院系:安全工程



NAME: 吕艳 Lyu yan

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# RESEARCH AREA:

(1) Prevention in Geologica Scenic Spots

(2) Assessment of Geological relics

(3) Safety of Tourism Resources and Environment

More Information: http://js.chd.edu.cn/dzgcychxy/ly\_7748/list.htm

# (二) Master's Supervisor



NAME: 郝建斌 Hao Jianbin

**SEX** : Female

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#### RESEARCH AREA:

(1) Seismic Slope Stability

(2) Theory and technology of reinforced soil

(3) Safety in Construction

More Information: http://js.chd.edu.cn/dzgcychxy/hjb/list.htm



NAME: 李寻昌 Xunchang Li

SEX : Male

**Contact:** dcdgx12@chd. edu. cn +86-15891795935

# RESEARCH AREA:

(1) Prevention and Evaluation of Geological Disaster .

(2) Prediction and Warning Methods of Geological Hazards

(3) Public Safety in Mountainous Cities

More Information: http://js.chd.edu.cn/dzgcychxy/lxc/list.htm



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# RESEARCH AREA:

(1) Prevention and Assessment of Geological Disasters

(2) Recycling and utilization of Construction Waste

(3) Geological Environment and Engineering Safety

(4) Ecological Restoration of Geological Environment

More Information: http://js.chd.edu.cn/dzgcychxy/gdb/list.htm



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# RESEARCH AREA:

(1) Prevention and Assessment of Geological Disasters.

(2) Safety in Construction

(3) Interaction between structure and foundation

(4) Safety psychology and management

More Information: http://js.chd.edu.cn/dzgcychxy/lkl/list.htm



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RESEARCH AREA: Prevention and Assessment of Geological Disasters.

More Information: http://js.chd.edu.cn/dzgcychxy/ jzy/list.htm



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#### RESEARCH AREA:

(1) Prevention and Assessment of Geological Disasters.

(2) Monitoring and Early Warning of Landslide

(3) Optimization and Robust Design

(4) Safety of Geological Environment

More Information: http://js.chd.edu.cn/dzgcychxy/xr/list.htm



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# RESEARCH AREA:

(1) Dynamic Mechanical Properties of Rock-Like Materials

(2) Safety of Underground Space

(3) Disaster Prevention Engineering Protection

More Information: http://js.chd.edu.cn/dzgcychxy/ly\_7829/list.htm



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# RESEARCH AREA:

(1) Prediction and Prevention of Coal and Rock Dynamic Disaster.

(2) Monitoring and Early Warning of Landslide

(3) Deformation Monitoring and Risk Assessment of Metro Tunnel

(4) Safety Evaluation

More Information: http://js.chd.edu.cn/dzgcychxy/yw/list.htm



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# RESEARCH AREA:

(1) Heat and mass transfer of frozen soil;

(2) Early warning and prevention of engineering diseases in cold regions;

(3) Heat transfer Enhancement of high temperature and pressure heat exchangers.

More Information: http://js.chd.edu.cn/dzgcychxy/cfq/list.htm

院系:安全工程

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RESEARCH AREA: (空缺)

 $\textbf{More Information:} \ \text{http://js.chd.edu.cn/dzgcychxy/q1102/list.htm}$ 



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RESEARCH AREA:

(空缺)

 $\textbf{More Information:} \ \text{http://js.chd.edu.cn/dzgcychxy/lyb5/list.htm}$