

# 力学与土木工程学院

## 学术沙龙四十九期

**报告时间：2023年09月07日（周四）14:00**

**报告地点：力学与土木工程学院A220会议室**

**主办单位：力学与土木工程学院**

**主题：地质结构失稳机理研究与灾害预测**

**欢迎全校教师及同学参加！**

### 报告题目

Settlement and load transfer mechanism of pile group due to side-by-side twin tunnelling: 3D centrifuge and numerical modelling

### 报告时间

14:00-14:30

### 报告人

**Soomro, Mukhtiar Ali 教授**



China University of Mining and Technology, Professor, Ph.D. in Geotechnical Engineering, Department of Civil Engineering, Hong Kong University of Science and Technology, mainly engaged in geotechnical centrifuge experiments, simulating the three-dimensional double tunnel effect of existing pile groups, using advanced low plastic constitutive models with small strain stiffness for finite element analysis, retrospective analysis centrifuge testing, interpretation and parameter studies, studying geotechnical structure interaction problems, excavating different types of adjacent pile foundations on buildings. He has published 25 papers, including 16 papers in SCI, published in journals such as Geotechnology, Computer and Geotechnical Tunneling and Underground Space Technology. He has presided over 3 scientific research projects, such as Funded by the Chinese Government under Shanghai "Science, Technology and Innovation Action Plan 2019" "The Belt and Road Initiative", as a foreign principal investigator, associate editor of QUEST research journal and reviewer of Canadian Geotechnical Engineering Journal.



**报告题目**

**软土地区浅埋地铁车站结构地震反应分析**

**报告时间**

**14:30-15:00**

**报告人**

**崔振东 教授**



中国矿业大学，教授，主要从事城市地铁隧道及地下工程、土动力学、软土地基变形、高铁路基加固、人工冻土及土工离心机试验等方面研究。在《Computers and Geotechnics》、《Engineering Geology》等杂志发表科研论文90余篇，SCI收录57篇。授权国家发明专利6项。兼任中国土木工程学会岩土工程分会软土工程专业委员会委员、国际土力学与岩土工程学会会员、中国土木工程学会会员、国际工程地质与环境协会会员。获得江苏省高校“青蓝工程”优秀青年骨干教师、江苏省“333人才工程”第三层次等荣誉称号。

**报告题目**

**井壁内部损伤破裂微震监测技术研究进展**

**报告时间**

**15:00-15:30**

**报告人**

**张明伟 副研究员**



中国矿业大学副研究员、硕导。日本Kyushu University博士，日本产业技术综合研究所短期特聘研究员，徐州市侨界青年联合会常务理事。主要从事微震效应监测解析与工程应用、冲击地压与突透水复合灾害监测预警与防治、岩土工程勘察与灾害评价治理、工程物探与无损检测等方面的技术研究及装备研发。先后承担了多项国家自然科学基金、中国博士后科学基金、省级科技厅基金及企业合作科研项目。