

## Part III. JTC2 session Agenda

**Time:** 13:45 - 15:00 (Central European Summer Time), October 13, 2023

**Place:** Track1 Hall (third floor)

**Chair:** Prof. Hehua Zhu

**Co-chair:** Prof. Xiaojun Li, Prof. Fang Liu, Prof. Qi Zhang

### Agenda:

- 13:45-14:00 Prof. Xiaojun Li, Tongji University  
**Report title:** Standardization of Test Data for Beishan Underground Research Laboratory
- 14:00-14:15 Prof. Marte Gutierrez, Colorado School of Mines  
**Report title:** Detecting Mixed-Soil, Grain-Size, and Clogging in Soft Ground Tunneling by Machine Learning
- 14:15-14:30 Prof. Gaofeng Zhao, Tianjin University  
**Report title:** Utilizing the Digital Twins Concept in Rock Mechanics: From Fundamental Mechanism Study to Engineering Applications
- 14:30-14:45 Dr. Longji Guo, China University of Mining and Technology (Beijing)  
**Report title:** Study on mechanism of ground pressure and NPR compensation balance control in thousand-meter phosphate mine
- 14:45-15:00 Free discussion