

SUGGESTED WORKSHOP PROGRAM

(ISRM Commission on Testing Methods)

Title of the Workshop: Recent ISRM Suggested Methods and Future Prospects

Venue and Date: EUROCK 2022, Helsinki, Finland, 12-15 September 2022

Aim: To provide a forum of discussions with the aid of presentations on the content of some selected new and revised ISRM Suggested Methods and the methods which can be future prospective Suggested Methods. It is also hoped that this workshop will serve a platform to initiate and enhance further interests among the members of ISRM to propose new SMs as well as to understand the thinking and needs for practicing engineers and scientists of our society.

Moderator: Reşat Ulusay (ISRM President and Chairman of the ISRM Commission on Testing Methods)

The Workshop will consist of three parts as given below.

Part 0: Standardization of Rock Testing with Emphasize on the ISRM Suggested Methods (*Reşat Ulusay*) (20-25 min. and 5 min for Q & A)

Part 1: Some Recently Developed Suggested Methods

- SM for Determining the Basic Friction Angle of Planar Rock Surfaces by Means of Tilt Test (*Leandro Alejano*)
- SM for the Lugeon Test (*Eda Quadros and /or Philippe Vaskou*)
- **SM for Determining Strength, Deformation and Toughness Parameters of Rock Reinforcement Tendons Under an Impulsive Load – Method 1: Mass Freefall (MF) Method (*Charlie Li*)
- **SM for ISRM Suggested Method for Dynamic Laboratory Shear Tests of Rock Discontinuities (*Ömer Aydan*)

NOTE: Every speaker in this group will have 15 min. with additional 7 min. for Q & A.

(** Based on the information from the WG chairmen, these SMs will be submitted to the Commission to the end of 2021. Considering this they are included in this group.)

(Part 0 and Part 1 will take approximately 2 hrs)

Coffee Break (15 or 20 min.)

Part 2: Future Prospects

- ++Small-scale Linear Rock Cutting Test (*Hanefi Çopur*)
- Drop Weight Testing for assessing the dynamic characteristics of rocks under shock loads (*Ömer Aydan*)

- Impression Creep Tests as Index Testing Technique in Rock Mechanics and Rock Engineering (*Takashi Ito*)
- SM for Quantitative Description of Discontinuities in Rock Masses: Revised Version (*2 members from the WG of this SM; Dr. Maria Migliazza, Dr. Jose Muralha*)

(⁺⁺ For this test a proposal was submitted to the Commission. The Commission members support this proposal with some minor-to-moderate comments. In case of its proposal is approved by the Commission, its draft version will be submitted to the Commission by the WG to the end of 2022 or in 2023. Therefore, this experimental method is also included in this category for a discussion before its final version is submitted to the Commission.)

NOTE: Every speaker for the first three presentations in this group will have 15 min. with additional 7 min. for Q & A. Since the last presentation in this group will be in preparation during this workshop and it has larger content, its duration will be 20 minutes with additional 10 min for Q & A)

(Part 2 will take approximately 100 min.)