

ROCARC Webinar 2020

Knowledge Exchange in Rock Anchoring

This is the final call to a Webinar in rock anchoring on November 18, 2020. The Webinar aims to exchange the current knowledge in rock anchoring in Nordic countries. The contents include theories, tests, engineering practice, design, unsolved issues, etc. After the presentations, we'll have a general discussion session to outline the commonly concerned issues.

Time (preliminary): 09:00 – 13:40, November 18, 2020

Webinar Link: [Join Microsoft Teams Meeting](#)

Language: Norwegian / English

Presenters and titles:

- *Charlie Li, IGP / NTNU*, Introduction to the project ROCARC — Rock anchoring for stabilization of infrastructures with focus on the arching effect and rock-grout bond
- *Magnus Sørensen, Multiconsult*, 2D-modellering av bergforankrede vindturbinfundamenter
- Rock anchored foundations for wind turbines – 3D modelling, *Mahdi Shabanimashcool, NGI*
- *Andreas Ongstad, Norconsult*, Forankringer i berg – FoU og praksis i Norconsult
- *Leif Lia, IBM / NTNU*, Bruk av fjellanker på norske dammar
- *Peter Lundqvist, Vattenfall, Sweden*, A new guideline on post-tensioning tendons for dam-owners in Sweden
- *Tor Harald Hanssen, Comrod Utility Systems AS*, Fundamentering av kraftmaster – historien, utfordringer og tester gjennomført av Comrod
- *Jessica Ka Yi Chiu, NGI*, Mastefundamentering på berg – bergmasseklassifisering og dimensjonering

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Program

- 09:00 – 09:05 Welcome
Nghia Quoc Trinh, SINTEF
- 09:05 – 09:20 Introduction to the project ROCARC — Rock anchoring for stabilization of infrastructures with focus on the arching effect and rock-grout bond
Charlie Li, IGP/NTNU
- 09:20 – 09:40 2D-modellering av bergforankrede vindturbinfundamenter
Magnus Sørensen, Multiconsult
- 09:40 – 10:00 Rock anchored foundations for wind turbines – 3D modelling
Mahdi Shabanimashcool, NGI
- 10:00 – 10:20 Forankringer i berg – FoU og praksis i Norconsult
Andreas Ongstad, Norconsult
- 10:20 – 10:35 Questions
- 10:35 – 10:45 Pause 10 min
- 10:45 – 11:05 Bruk av fjellanker på norske dammar
Leif Lia, IBM / NTNU
- 11:05 – 11:25 A new guideline on post-tensioning tendons for dam-owners in Sweden
Peter Lundqvist, Vattenfall, Sweden
- 11:25 – 11:35 Questions
- 11:35 – 12:15 Lunch pause
- 12:15 – 12:35 Fundamentering av kraftmaster – historien, utfordringer og tester gjennomført av Comrod
Tor Harald Hanssen, Comrod Utility Systems AS
- 12:35 – 12:55 Mastefundamentering på berg – bergmasseklassifisering og dimensjonering
Jessica Ka Yi Chiu, NGI
- 12:55 – 13:05 Questions
- 13:05 – 13:40 Summary and discussion
- 13:40 Closed