

Session Program

23-24 Oct 2019

CERN Tunnelling Workshop

Day 1 - Tunnel Optimisation

CERN, 60/6-015 - Room Georges Charpak (Room F)

Wednesday 23 October

13:30

Day 1 - Tunnel Optimisation: Session 1

Session | **Location:** CERN, 60/6-015 - Room Georges Charpak (Room F) | **Convener:** Alexandra Tudora

13:30-14:00 Welcome & Introduction

Speaker

John Andrew Osborne

14:00-14:30 Future Circular Collider Project Update

Speaker

Alexandra Tudora

14:30-15:00 Accelerating Digital Change: Planning to Feasibility

Speakers

Mr Matteo Ceccarelli, Yung Loo

15:00-15:30 Digital Optimisation of Underground Rail Projects

Speaker

Michel Pré

15:30

16:00

Day 1 - Tunnel Optimisation: Session 2

Session | **Location:** CERN, 60/6-015 - Room Georges Charpak (Room F) | **Convener:** Alexandra Tudora

16:00-16:30 Digital Engineering for Alignment Optimisation

Speakers

Andrea Danzi, Daniel Craven

16:30-17:00 Using Automated Design for Optimisation of Tunnel Alignment

Speaker

Chris Chew

17:00-17:30

Contract management of underground works using combined GIS, 3D geological and BIM models

Speaker

Andrew Bourget

17:30-18:00 BIM & Preliminary Design of the Bruttentunnel

Speakers

Thomas Fries, Werner Dallapiazza

18:00

18:00

18:30

Day 1 - Tunnel Optimisation: Round-table discussion and Summary

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