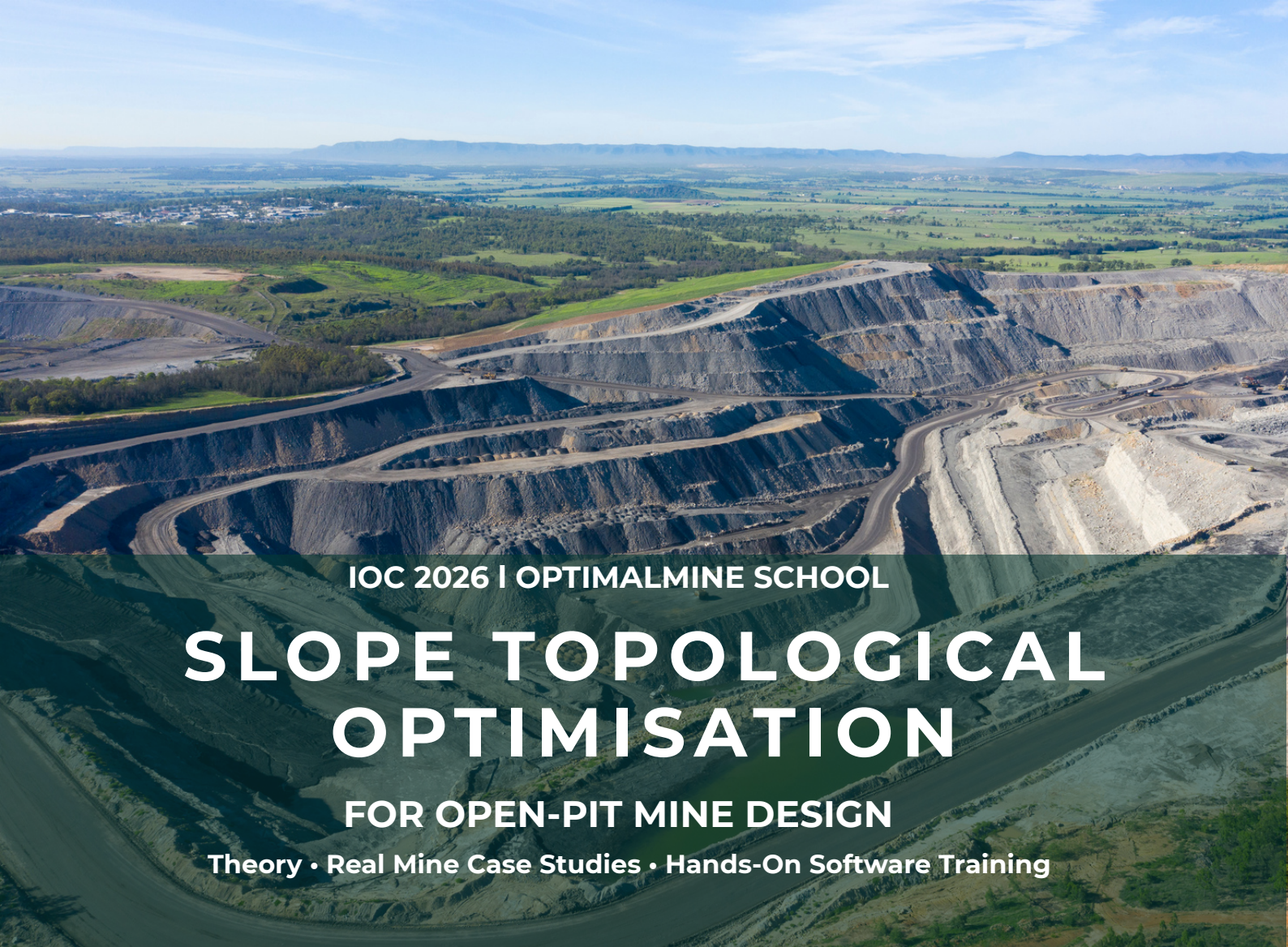




IOC 2026 | OPTIMALMINE SCHOOL

SLOPE TOPOLOGICAL OPTIMISATION

FOR OPEN-PIT MINE DESIGN

Theory • Real Mine Case Studies • Hands-On Software Training



07 OCTOBER 2026

09:00-17:00

Bor Lake Hotel, Serbia



PART OF THE
57th International October Conference
on Mining and Metallurgy



**SLOPE
OPTIMISATION**

Optimised pitwall profiles



**REAL MINE CASE
STUDIES**

Learn from practical examples



**HANDS ON
SOFTWARE**

Work with Slope Optimiser



**EXPERT
INSTRUCTORS**

Academia & industry expertise



**FREE
REGISTRATION**

ONLY 30 PLACES AVAILABLE-FIRST COME, FIRST SERVED



**SCAN TO
REGISTER**



✓ FREE PARTICIPATION | ✓ CERTIFICATE OF ATTENDANCE | ✓ BRING YOUR LAPTOP

Registration deadline: 06 October 2026

WORKSHOP PROGRAM

07 OCTOBER 2026 • 09:00–17:00 • BOR LAKE HOTEL

FROM THEORY TO PRACTICE

Explore slope topological optimisation through real mine case studies and hands-on training with Slope Optimiser.

09:00 - 10:45		MODULE 1 Foundations and Financial/Environmental Impact Core principles of slope topological optimisation illustrated through real mine case studies, including financial and environmental benefits.
10:45 - 11:15		COFFEE BREAK
11:15 - 11:45		MODULE 2 Anisotropic Rock Masses and Complex Joint Networks Estimating direction-dependent strength from joint orientation and persistence data, with a worked example involving a jointed rock mass.
11:45 - 12:30		MODULE 3 Discrete Discontinuities (Faults) Modelling large-scale discrete features such as faults, followed by a case study and discussion.
12:30 - 14:00		LUNCH BREAK
14:00 - 17:00		MODULE 4 • HANDS-ON SESSION Slope Optimiser Practical training with Slope Optimiser. Participants will receive temporary access to the software, work on provided benchmark datasets, and are encouraged to bring their own project data.



MEET THE INSTRUCTORS



Prof. Stefano Utili

OptimalSlope Ltd & Newcastle University, UK

Professor of Geotechnical Engineering at Newcastle University and founder & CEO of OptimalSlope Ltd. His research focuses on slope stability and open-pit mine design.



Dr. Beatrice Carrozzo

University of Milano-Bicocca, Italy

Geologist and researcher specialising in slope stability and geomechanical characterisation. Her research focuses on laboratory testing, monitoring data and numerical modelling applied to complex slope stability problems.

WHO SHOULD ATTEND?



WHAT YOU WILL GET

