

“Mining structures and substructures using high strength geosynthetics”

Speaker:

Nicola Brusa* MEng CEng MICE, Technical Manager, Maccaferri UK & Ireland

Date:	Monday, 05 November 2018
Location:	Keele University (Stoke-on-Trent)
Arrival / Start Time:	18.30 for 19:00
Refreshments:	Yes and Buffet supper after the lecture

Synopsis:

A complete portfolio of geosynthetics engineered to stabilise, reinforce and drain mine access and haul roads are available for mining structures and mining solutions depending upon the specific ground conditions encountered.

The extreme conditions and high loads of these facilities demands a deep understanding of geosynthetics to ensure performance, safety and environmental compliance.

High strength geosynthetics products enable construction, or provide access, over voids and soft ground whilst controlling differential settlement. Rather than simply stabilising soils, these high strength - low strain geosynthetics reinforce the foundations of the infrastructure above.

The presentation will introduce some real applications and case histories for high strength geogrids used as reinforcement for some of the tallest reinforced soil crusher and tip wall structures in the world. The presentation will also cover the use of high strength reinforcement for earthworks design, conveyor support and other materials handling systems.



High strength geosynthetics are used to create high walls to support mining facilities and mining substructures.



Extreme loadings and extreme conditions require high strength.

About the Speaker:

*Nico is currently the Technical Manager for UK & Ireland. His broad experience using geosynthetics within the mining field captures diverse subject matter from; hydraulic and erosion control, vertical crusher MSE walls & geohazards. All this in addition to basal reinforcement designs for areas subject to subsidence, such as reclamation over voids.

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Next IGS UK Event...

Title / Speaker: IGS UK/EGGS

Date / Time: 18:30 on Thursday 20th December

Venue: The Geological Society, Burlington House, London

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