



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY
JOHANNESBURG BRANCH

Geomechanical Numerical Modelling

Presented By

*Alexey Shalashinski, International Sales manager, Mining Consulting and Engineering,
DMT Group*

Sodhie Naicker, Technical Director, DMT Kai Batla Pty Ltd.

“Geomechanical-numerical modelling methods are an established tool for planning of underground excavations worldwide. By describing the interaction between inhomogeneous rock mass and support elements it is possible to determine the suitability of different support systems.

DMT is one of the leading companies in this field and has more than twenty-five years of experience in investigating and using geotechnical parameters to carry out numerical calculations. Today, nearly all kind of excavations (shafts, pit bottoms, bunkers, development drivages, gate roads, rooms and pillars etc.) are planned and evaluated by DMT with geomechanical-numerical tools in combination with empirical planning methods.

The presentation will concentrate on holistic approach of obtaining necessary information, setting up the model and further calibrations in order to ensure high preciseness of the result. It will also cover several extensive examples of the projects in various commodities and for different mine structures.”

DMT is a leading international mining consultancy which offers a broad spectrum of professional technical expertise to the mining sector. Our services support mines and mining projects of all types and at all stages. DMT operates worldwide through its network of group companies in Germany, UK, India, Russia, South Africa, Canada and Indonesia, and, as necessary, draws on the wide range of specialist expertise from within the group to suit specific assignments. DMT group, which includes former IMC Group companies, have a long history of working in the mining industry.

Our staff are experienced in virtually the entire spectrum of mined commodities and are proficient in working all over the world.

DMT is a subsidiary of the global TÜV Nord Group. For further information, see:

www.dmt-group.com

About the Presenter: Alexey Shalashinski is a mining engineer graduated from Tallinn University of Technology and is holding MBA title from Tartu University in Estonia. He has been involved in various projects in mining industry during last 15 years in the countries like Russia, Kazakhstan, Australia, Canada, India, South Africa and many more. At DMT Alexey is in charge of business development for mining engineering branch and sales coordination of all mining consulting offices of the group.

Alexey is actively involved in project management of various geotechnical related projects that foresee the use of most advanced modelling tools and merge the knowledge of various experts in the company as well as numerous partners depending on the complexity of tasks. The list of commodities where the methods are applied include base and precious metals, coal, potash as well as mine infrastructure projects.

Date: Thursday 15 September 2016

Time: 17:00 for 17:30

Venue: Worley Parsons, 39 Melrose Boulevard, Melrose Arch

RSVP please to Jacqui@saimm.co.za