

# Fifth EFEE World Conference on Explosives and Blasting

*Edited by*

P.Moser et al



**EFEE**

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## Foreword by the Chairman of the Technical committee

As chairman of the Technical committee I am delighted to introduce to you the proceedings of the Fifth EFEE World Conference on Blasting in Budapest/ Hungary.

Together with my colleagues from the Technical conference committee, José Carlos Gois, Andreas Grasedieck, Finn Ouchterlony, Gerhard Reichholf, Jose Sanchidrian, Bruno Tessier and Jerry Wallace, we have selected from the proposed papers the 37 contributions you will find in these proceedings. During the evaluation we have been very much delighted by the high quality of the papers submitted and I think here is now the right place to thank all the authors that took the work load and wrote the papers for this book.

The papers in these proceedings cover the whole field from rock blasting to demolition blasting, from analysing new blast regulations to establishing standards in our industry. This makes the EFEE World Conference on Blasting so important and valuable, namely to bring together every second to third year engineers, managers and researchers from the blasting industry to discuss new developments in our business, forming the basis for the raw materials and construction industry which is worldwide and of course also in Europe by far the largest in terms of volume of material moved. It has to be kept in mind, that the average annual consumption of raw minerals in Europe is 10 ton per person. About 50 % is produced by blasting. This makes around 2.5 billion tons of blasted rock in the European Union, 80 % being building industry aggregates and industrial minerals.

The program of the Fifth EFEE World Conference on Blasting in Budapest/ Hungary clearly shows that this truly international blasting event has found its place in the sequence of all the blasting conferences worldwide. The EFEE, Hungary and the Hungarian Federation of blasters are very proud of hosting this event in 2009 and we sincerely hope that you are going to enjoy the conference at a place known worldwide not only for its culture and history, but also for its long tradition in the field of blasting.

Glückauf!

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Specifically, I would like to thank the Technical Committee for their help with the editing of the many papers.

Peter Moser, EFEE Technical Committee Chairman.

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