

PRE-CONFERENCE: ONE-DAY COURSE IN DETONATION AND ROCK FRAGMENTATION

The course:

Luleå University of Technology will offer a one day modular course which will introduce attendees in detonation modelling and rock fragmentation

- Detonation modelling with commercial explosives
- Fragmentation and blast modelling
- Explosive studies at LTU/Swebrec

Workshops details

Workshop fee: 3000 SEK
(2000 for full time students/doctoral students)

Venue: Appropriate room at Lulea University of Technology

Timing: 8.30 am to 4.30 pm Saturday 9th June 2018

The registration fee includes:

- Printout of lecture slides and technical articles within the subject
- Attendance, refreshments and lunch
- An opportunity to discuss detonation modelling and rock fragmentation issues with researchers

For info:

Daniel.Johansson@ltu.se (speakers and technical content)
inger.lindback@nex.se (registration and administration)

The lecturers are:

Professor Martin Braithwaite, Cambridge

Professor Finn Ouchterlony, Leoben

Professor José A Sanchidrián, UPM

Ass.Prof Daniel Johansson, LTU/Swebrec

TOPICS

- Basic Shock Theory
- Ideal and non-Ideal Detonation
- An overview of current research
- A critical review of fragmentation prediction models.
- Size distributions for rock fragments.
- A new rock fragmentation theory: the fragmentation-energy fan and the Swebrec distribution
- Case studies
- Studies at LTU/Swebrec

www.fragblast12.org/workshops-short-courses

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