

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

Schedule

08:30

Course introduction (DJ/MB)

8:45 -

Basic Shock Theory and Ideal Detonation (MB)

9:40 -

Non-Ideal Detonation and current research (MB)

10:30

Coffee break

11:00 -

A critical review of fragmentation prediction models (JS)

11:45 -

Size distributions for rock fragments (JS)

12:30 – 13:30

Lunch

13:30 -

A new rock fragmentation theory: the fragmentation-energy fan and the Swebrec distribution (FO)

14:15 -

Case studies (FO)

15:00

15:00 -

Studies at LTU/Swebrec (DJ)

16:00

Coffee/ roundup session & optional tour of Lulea University/ Swebrec facilities

Lecturers mini CVs and contact details

MB – Martin Braithwaite

<https://www.lsc.phy.cam.ac.uk/directory/braithwaite>
mb832@cam.ac.uk

JS – José A. Sanchidrián

Professor/Cat. Univ.
Universidad Politécnica de Madrid
ETSI Minas y Energía
Department of Mining Engineering and Earth Sciences
Ríos Rosas 21 28003 Madrid, Spain

FO – Finn Ouchterlony

Montanuniversität Leoben
Finn.Ouchterlony@unileoben.ac.at

DJ – Daniel Johansson

Swebrec/Luleå University of Technology
Daniel.Johansson@ltu.se

Venue

Luleå University of Technology, room F1031.

Google map coordinates can be found [here](#)

Transportation:

By Taxi: Tell the taxidriver to take you to entry F16 at Luleå University of Technology

By Bus: Take bus no. 5 to Aurorum. The departure time is at 07:45 from the central part of Luleå (Smedjegatan). You should exit the bus at bus the location Laboratorievägen.

Please note that the buses do not handle cash, so you need to pay with card.

We will have staff meeting you up at F16-entry.

Support:

Gurmeet Shekhar + 46 (0) 72 2092248

Jeroen van Eldert + 46 (0) 72 5488053

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