

Exhibition Highlight

EUROCK 2010 has an extensive exhibition program. Some of the highlights include:

- AlpTransit Lötschberg and Gotthard base tunnels : 48 panel posters (2x1 m size) illustrating Swiss achievements in rock tunnelling;
- Exhibitions of services and products of sponsors and companies involved in rock mechanics and rock engineering works.

Companies interested to exhibit at EUROCK 2010 should contact the Organiser. Exhibition information is also available at the symposium website.

Short Course

The following short course will be conducted in conjunction with the Symposium. Registration to the short course can be done at the symposium website.

- Two-dimensional finite discrete element modelling of slopes and underground excavations in blocky rock masses, by Giovanni Grasselli, on 14 June 2010.

Registration and Hotel Booking

On-line registration is now open at the EUROCK 2010 website until 8 June 2010. Please register as early as possible and make payment by credit cards through the website. If you have any problems, please contact the Organiser. We can make alternative arrangements. We highly recommend you to settle the registration and payment early and before the symposium. On-site registration is possible but it would be much more complicated and may affect your attendance to the symposium. Registration for ISRM member is €300 and for full-time student is €80.

Hotel booking information is also available at the website. The hotels are reserved by the symposium at a special rate. Again, we suggest you to reserve the rooms as early as possible. June is a tourist season and last minute availability of hotel room in Lausanne is limited. You may also check with your own or internet services (e.g., ebookers.ch, various hotel clubs, travel agents), and sometimes, they give good offers.

Travel Arrangement and Other Information

Those who require a visa to Switzerland please contact the Organizer for an invitation letter. You also need to register with the symposium. Switzerland is a Schengen country. Currency used in Switzerland is the Swiss Franc (CHF). More information on travelling to Lausanne and to EPFL is on EUROCK 2010 webpage.

Bulletin 2

EUROCK 2010

Rock Mechanics in Civil and Environmental Engineering

European Regional Symposium of the International Society for Rock Mechanics

EPFL, Lausanne, Switzerland
15–18 June 2010

Organised by

 Ecole Polytechnique Fédérale de Lausanne
Environnement Naturel Architectural et Construit
Laboratoire de mécanique des roches (LMR)

 Schweizerische Gesellschaft für Boden- und Felsmechanik
Société Suisse de Mécanique des Sols et des Roches
Swiss Society for Soil and Rock Mechanics

<http://lmr.epfl.ch/eurock2010>

with 200 papers published in the proceedings
and to be presented at the symposium



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Announcement of EUROCK Award

Starting at EUROCK 2010, a “EUROCK Best Paper Award for Young Scientist and Engineer” will be given to a young scientist/engineer in recognition of outstanding paper on rock mechanics and rock engineering published and presented at the EUROCK symposium.

Highlights of Technical Program

Six keynote presentations will be given by Herbert Einstein (Rock slopes from mechanics to decision making), Jean Sulem (Coupled thermo-hydro-mechanical processes in fault zones during rapid slip), Peter Kaiser (How highly stressed brittle rock failure impacts tunnel design), Robert Zimmerman (Some rock mechanics issues in petroleum engineering), Marek Kwaśniewski (Strain-based failure criteria for rocks: state of the art and recent advances), and Claus Erichsen (Challenges in the design and construction of tunnels in rock).

There will be three invited feature presentations on the currently “hot” topics:

- Construction of the Lötschberg and the Gotthard base tunnels (by François Vuilleumier, Andrea Henke and Felix Amberg);
- Current Work in the DECOVALEX coupled modelling project: the Mont Terri ventilation experiment in Switzerland, the Äspö pillar stability experiment in Sweden, and the Bedrichov tunnel in the Czech Republic (by John Hudson);
- Damaged zone around radioactive waste disposal in clay host rocks (by Vincent Labiouse).

A total of 200 papers are included in the proceedings and will be presented at the symposium. Among them, 132 papers are from 26 European countries: Albania, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, France, Germany, Greece, Hungary, Italy, Netherlands, Norway, Poland, Portugal, Russia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK, and Ukraine, and 68 papers are from other continents: Algeria, Arab Emirates, Australia, Brazil, Canada, China, Taiwan, India, Iran, Japan, Mexico, Papua New Guinea, Singapore, Thailand and USA.

Papers will be presented by oral presentations in parallel sessions and by poster presentations. Presentation schedule will be available at EUROCK 2010 website.

A one-day technical site visit will be organised. The visit will include Les Crêtaux rockfall zone, Riedberg tunnel, St. Nicklaus rockfall protection dam and the famous Randa rockfall, in the Swiss Alps of Valais.

ISRM is also organising the 2nd ISRM Field Trip just before the Symposium. Details of the ISRM Field Trip is also available at ISRM website www.isrm.net.

Discussion on Future Development

The discussion on building a stronger rock mechanics European community is to be chaired by Giovanni Barla and Håkan Stille. Delegates from universities, research institutes and industry are welcome to participate. Those who wish to make a presentation and extended comments, please contact EUROCK 2010.

| | Mon., 14 June 2010 | Tue., 15 June 2010 | Wed., 16 June 2010 | Thu., 17 June 2010 | Fri., 18 June 2010 |
|-----------|--|--|------------------------------|----------------------------|------------------------------|
| Morning | Short course, Symposium registration | Opening, Keynotes, Presentations | Keynotes, Presentations | Keynotes, Presentations | Site visits, Short course |
| Afternoon | Short course, ISRM meetings, Symposium registration | Presentations | Presentations, Discussion | Presentations, Closing | Site visits, Short course |
| Evening | Welcome reception | | Symposium dinner | | |