

Rock Mechanics in Civil and Environmental Engineering

European Rock Mechanics Symposium (EUROCK 2010)

An International Society for Rock Mechanics Regional Symposium

Lausanne, Switzerland
15–18 June 2010

Organised by

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

EPFL Swiss Federal Institute of Technology Lausanne (EPFL)
École Polytechnique Fédérale de Lausanne
School of Architecture Civil and Environmental Engineering
Laboratory for Rock Mechanics (LMR)



<http://lmr.epfl.ch>

EPFL campus, Lake Geneva, and the Alps

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Registration and Submission

Please make the registration and abstract submission as early as possible. Symposium registration for ISRM members is 300 Euro. EUROCK 2010 particularly encourages students' participation and symposium registration for full-time students is 80 Euro. Student hostel accommodation is available for students.

Symposium Tentative Program

	Mon., 14 June 2010	Tue., 15 June 2010	Wed., 16 June 2010	Thu., 17 June 2010	Fri., 18 June 2010
Morning	Short Courses Workshops Symposium Registration	Symposium Registration Symposium Opening Keynote Presentations Parallel Presentations	Keynote Presentations Parallel Presentations	Keynote Presentations Parallel Presentations	Site Visits
Afternoon	Short Courses Workshops ISRM Meetings Symposium Registration	Parallel Presentations	Parallel Presentations	Plenary Open Session Symposium Closing	Site Visits
Evening	Welcome Reception Symposium Registration		Symposium Dinner		

Keynote and Open Session Speakers

Keynote presentation will be given by a number of invited speakers to highlight some of the latest scientific researches and the challenging engineering projects in rock mechanics and rock engineering. Final list of keynote presentations will be announced later.

Open session speakers of ISRM European countries will be invited, to report and discuss rock mechanics education, research and practice activities in Europe, providing the basis for cooperation and progressing of the European rock mechanics community.



Lötschberg Base Tunnel, Switzerland

Invitation

Rock mechanics is virtually part of daily life in Switzerland. We live with numerous mountain tunnels and slopes. Rock mechanics offers better environmental solutions to energy and infrastructure development, including hydropower, geothermal energy, radioactive waste repository, carbon storage, and mine rehabilitation. EUROCK 2010 is an ISRM Regional Symposium of Europe, organised by the Swiss Society for Soil and Rock Mechanics and the Laboratory for Rock Mechanics (LMR) in the Swiss Federal Institute of Technology Lausanne (EPFL), for the European rock mechanics community. We would like to welcome you to Switzerland in June 2010 to share, to cooperate, and to progress together.

Symposium Themes

The theme of EUROCK 2010 is "Rock Mechanics in Civil and Environmental Engineering". It covers all the aspects of rock mechanics, from theoretical research to engineering practices, with emphasis on applications to infrastructural construction, sustainable development, and natural hazards management.

Open Session – Progressing Rock Mechanics in Europe

A plenary open session will be organised to report and discuss rock mechanics activities in Europe, including education, training, research, and engineering. The objective is to foster a closer cooperation among European countries, to promote future rock mechanics activities in Europe, and to build a stronger rock mechanics community.

Symposium Language

The official language of the symposium is English. English will be used in all printed materials and presentations. No translation services will be provided.

Call for Papers

Prospective authors are invited to submit abstracts in various aspects of rock mechanics and rock engineering, including topics on:

- fundamental rock mechanics,
- rock dynamics and time-dependent behaviour,
- laboratory/field testing and physical modelling,
- numerical methods and modelling,
- design methodology in rock engineering
- rock slopes and landslides,
- rock tunnel excavation and support.

Abstract should be about 400 words long, with a title, authors' names, affiliations, and email addresses, and be sent to the symposium organiser by 31 August 2009.

Exhibitors and Sponsors

An exhibition will be held in conjunction with the symposium, to provide opportunities for consultants, contractors, suppliers and specialists to showcase their products and services. Sponsorship of the symposium in various forms are welcome and appreciated.

Interested exhibitors and sponsors are advised to contact the symposium organiser for details.

Technical Program and Visits

The four-day symposium will consist of technical program of keynote lectures, plenary and parallel technical presentations, poster sessions and technical visits.

Technical visits will be organised to some of the most exciting and challenging tunnelling and landslide sites.

Pre-symposium workshops and short courses will be organised on selected topics of rock mechanics and rock engineering.

Post-symposium excursions and a social program will be organised in conjunction with the symposium.

EPFL and Lausanne

EPFL (www.epfl.ch) is one of the two Swiss Federal Institutes of Technology (Lausanne and Zurich). The Laboratory for Rock Mechanics (LMR) in EPFL was established in 1935 and will be celebrating 75th anniversary in 2010. EPFL-LMR organised the ISRM Congress in 1979.

Lausanne is a beautiful city by the Lake Geneva. Its tourist attractions and transportations can be found at <http://www.lausanne-tourisme.ch>.

