**ABSTRACT SUBMISSION**

The abstract may contain 200 - 500 words, one figure may be included. The abstract must include the selected theme, title of paper, authors’ affiliation, corresponding author’s e-mail and the abstract text. A Template can be found on Symposium website. Abstracts and papers should be submitted as pdf-files. Abstract submission can only be done through the Symposium website/Submission. Please visit the website for further information www.eurock2012.com

**SYMPOSIUM LANGUAGE:**
The official language of the Symposium will be English.

**IMPORTANT DATES**
- Abstract submission: June 15, 2011
- Notification of acceptance: Sept 15, 2011
- Submission of paper: Nov 15, 2011
- Review comments (to authors): Jan 15, 2012
- Submission of final paper (reviewed/accepted): Feb 28, 2012

All abstracts and papers will be peer reviewed by the Scientific Committee and a Review Committee. Authors must be prepared to present their papers in person. Each participant is expected to pay full registration fee.

Welcome to meet and stay at the most beautiful location in Stockholm. Let yourself be seduced by the magnificent view over the inlet to Stockholm, where the city meets the archipelago. Experience open views over the green island Djurgården in central Stockholm. Arrange meetings in a hotel with perfect inspiring and relaxing surroundings. With closeness to downtown and highest level of service the Elite Hotel Marina Tower will offer a unique experience beyond all expectation.
SYMPOSIUM THEMES
The symposium aims to present and discuss development and innovation of Rock Mechanics in its broadest sense. Contributions are welcome both within civil and mining engineering, with the emphasis on the complexity and the need for interaction between different disciplines. Rock mechanics engineers, researchers and practitioners, as well as city planners and decisions-makers are welcome.

GEOLOGICAL SITE CHARACTERIZATION
Contributions on site investigation methods and site characterization relating to engineering properties and environmental issues are welcome. Envisaged methods include geophysics, drilling and sampling techniques, borehole logging, hydraulic testing etc. Furthermore, interpretation and geological modelling based on different types of data.

ENVIRONMENTAL ASPECTS
Within this topic contributions in a broad perspective are gratefully received. We anticipate papers on environmental impacts as well as contributions on the working environment for underground projects.

DESIGN METHODS
For this theme we welcome presentations giving examples of design methods for underground excavations applied primarily in Europe, including experiences from the first year of Eurocode implementation.

EXCAVATION
Papers submitted for this theme should focus on rock mechanical aspects related to underground excavations – particularly issues related to behaviour, stability and deformation of rock masses.

ROCK GROUTING
Contributions are welcome regarding calculation models, grouting methods and development of grouting materials for sustainable grouting of crystalline hard rock.

ROCK SUPPORT
We anticipate presentations on experiences and innovative technologies related to rock support and rock reinforcement with special attention to applications in mining engineering and underground construction.

LCC AND MAINTENANCE
We welcome contributions regarding rock mechanical aspects on both Life Cycle Costs and maintenance of rock constructions.

MINING ROCK MECHANICS
Contributions are welcome on the rock mechanical aspects of mining in crystalline, hard rock — in particular the application of new knowledge and advanced tools to enable safe and sustainable mining.

RISK MANAGEMENT
Within this topic we welcome contributions on different aspects of risk and risk management of underground works, including geological uncertainty, organizational and contractual practices.

PRE SYMPOSIUM WORKSHOPS
Sunday, May 27, 2012
• Rock Mechanics in Deep Underground Excavation
  The objective is to help identify the rock mechanics design issues for excavations at depth, compared to the design requirements for shallow excavations (typically infrastructure tunnels). Focus for the panel discussion would be on the experiences with the application of index methods (e.g. GSI, Q, RMR) for deep excavations.

• Design Standard Practice
  The objective is to discuss the experience of verification of rock mechanical design by calculations, adaption of prescript measures and observation methods according to the new Eurocode for a future development and implementation.

SPECIAL THEME WORKSHOP
Monday, May 28, 2012
• Going Underground - Business Workshop
  Infrastructure investment is big business, and infrastructure investment underground is even bigger business. Research and Innovation in this field has room for lots of new innovation and business ideas which will contribute to improve environment and boost efficiency. We all know that infrastructure has the greatest impact on growth and welfare. Research and Innovation is the most efficient tool for managing the welfare revolution. In the field of Rock Engineering and Technology research and innovation are most efficient investments for global growth, welfare and good environment.

  This workshop presents facts and directions for making most decisive investments. The workshop is primarily aimed at business executives, political leaders, selected academics and journalists.
**BANQUET DINNER**
Tuesday May 29th – Gala Dinner around the Vasa ship – at the spectacular Vasa Ship Museum

**PRE- AND POST SYMPOSIUM EXCURSIONS**
Various tours will be available to choose from – Please check up these at the symposium website

**SPONSORSHIP & EXHIBITION**
Sponsorship and exhibition opportunities are available in different categories – please contact the Organizing Committees Chairman
Mr. Mikael Hellsten
Tel: +46 70 515 31 00
mikael.hellsten@eurock2012.com

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**PROGRAM**

<table>
<thead>
<tr>
<th>Thursday May 24</th>
<th>Friday May 25</th>
<th>Saturday May 26</th>
<th>Sunday May 27</th>
<th>Monday May 28</th>
<th>Tuesday May 29</th>
<th>Wednesday May 30</th>
<th>Thursday May 31</th>
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</thead>
<tbody>
<tr>
<td>Field Trip</td>
<td>Field Trip</td>
<td>ISRM Board</td>
<td>ISRM Council</td>
<td>Commission Meetings</td>
<td>Technical Sessions</td>
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<tr>
<td>LUNCH</td>
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<td>Technical</td>
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<td>Technical</td>
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<td>Eureck Award</td>
<td>Gala Dinner The Vasa Museum 19:30 (Extra regis. required)</td>
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