



# **RS2016 Symposium**

**7th International Symposium on In-Situ Rock Stress**

May 10-12, 2016  
Tampere, Finland



**Call for Papers**

**[www.rs2016.org](http://www.rs2016.org)**





## Invitation to RS2016 in Tampere

The Finnish National Group of ISRM and the Finnish Association of Civil Engineers RIL invite you to the 7th International Symposium on In-Situ Rock Stress to be held during 10–12 May 2016 in the beautiful city of Tampere, Finland. There have been six previous International Symposia on the rock stress topic, starting in 1976 in Sydney, Australia, and with the most recent one being held in Sendai, Japan, in 2013.

This 7th Symposium will be a natural continuation of the in-situ rock stress topic, which is of great importance to most rock engineering projects. In spite of the numerous research and development projects that have been undertaken in the subject of rock stresses, a great deal remains to be achieved in order to confidently establish the stress field and its variation at a particular site, plus the alteration to the stress field as construction proceeds. We now have much improved stress measurement methods and associated 3-D computer programs—and the development is moving fast.

Accordingly, we hope to welcome all interested rock stress practitioners, modellers, designers and contractors to this 2016 rock stress symposium in Finland. We are sure that the 7th Symposium will contain much new material and will be an excellent forum for presenting your work, keeping up to date with developments, and networking.

This symposium encompasses all aspects of rock stresses such as

- Rock stress measurements with different methods
- Interpretation and analysis of results
- Case studies (nuclear waste disposal, mining, civil engineering)
- Regional stress fields
- Seismicity and rock stress
- New, innovated stress measurement methods
- Rock structures and rock stress
- Stress modeling

Finland is an excellent venue for the Symposium because of the large amount of rock engineering construction and the fact that rock stresses play an important role in the design of Finnish rock engineering projects—even in the shallow underground facilities. Although the high horizontal stresses can be utilized in stabilizing rock caverns, such high stresses can cause rock damage around the rock facilities, so understanding the stress field and designing accordingly is one of the keys to success.

Technical excursions and field trips are being planned. Details are provided on the symposium web page.



Photo by LKAB Malmberget

## Venue

### *City of Tampere*

Tampere is the third largest city in Finland and the largest inland centre in the Nordic countries. Currently there are over 220,000 inhabitants in Tampere, and more than half a million inhabitants in Tampere Region, which comprises Tampere and its neighbouring municipalities. Tampere's city centre is surrounded by lake and ridge scenery, sited on an isthmus between lakes Pyhäjärvi and Näsijärvi. The Tammerkoski rapids run through the city.

Tampere is a significant centre of education and research. There are lots of university students in the city. The University of Tampere has 15,000 students in five faculties, the Tampere University of Technology has 10,500 students and the Tampere University of Applied Sciences has 10 000 students. The teachers and researchers at these universities as well as in the numerous research institutes provide new information and knowhow for science, business and industry.

### *Tampere Hall Congress and Concert Centre*

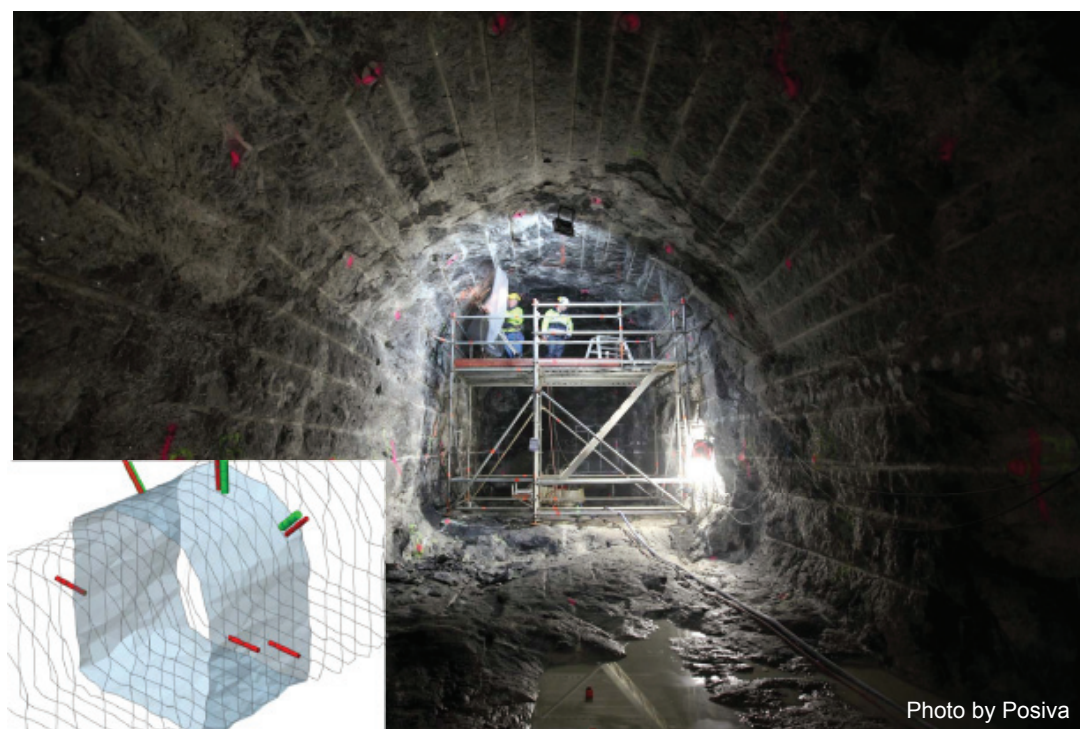
Tampere Hall is Scandinavia's largest Congress and Concert Centre. It is located close to the city centre, only 500 metres from the railway and bus stations. Most of Tampere's hotels are within 5 to 15 minute walk from the venue.

Tampere Hall's state-of-the-art facilities have been carefully designed to create an exciting, modern and dynamic venue for concerts, conferences, congresses and exhibitions. Since opening its doors in 1990, Tampere Hall has hosted a great number of international congresses and world-class music performances.

### **Call for Papers**

Abstract submission is done via internet only  
**[www.rs2016.org](http://www.rs2016.org)**.

**Abstract submission deadline is August 3 2015.**





## **IMPORTANT DATES**

Abstract submission deadline August 3, 2015

Notification of abstracts September 30, 2015

Full paper submission deadline November 30, 2015

Review results notification February 3, 2016

**Symposium dates May 10-12, 2016**

**[www.rs2016.org](http://www.rs2016.org)**

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## **ISRM Specialized Conference 2016**



**Suomen Kalliomekaniikkatoimikunta  
Finnish National Group of ISRM**

