



# INTERNATIONAL SOCIETY FOR MINE SURVEYING

Presidium: Prof. Dr.-Axel Preusse  
(2010-2013) Institute for Mine Surveying  
Wuellnerstr. 2  
25062 Aachen, Germany

---

## Joint ISM Commission 1, 3, 4 and 5 meeting

May 3 - 4, 2011

Freiberg, Germany

Hotel Alekto – Am Bahnhof 3 – 09599 Freiberg

## Minutes

### May 3, 2011

**Top 1** Opening session and acceptance of the agenda

The 2011 commission meeting was chaired and opened by the chairman of commission 3 *Norbert Benecke*. The chairman welcomed all attendees.

The agenda was accepted as attached at the end of the minutes with one amendment.

**Top 2** Approval of members

#### Attendancelist:

(in alphabetical order of their last name)

<i>Norbert Benecke</i>	(chairman commission 3),	Germany
<i>Adam Chrzanowski</i>	(commission 4),	Canada
<i>Jochen Kittlaus</i>	(commission 3),	Germany
<i>Jürgen Mayer</i>	(commission 3),	Switzerland
<i>Anatoly Okhotin</i>	(commission 3),	Russia
<i>Ralf Schulte</i>	(chairman commission 1),	Germany
<i>Viacheslav Suetkov</i>	(commission 5),	Russia
<i>Anna Szostak-Chrzanowski</i>	(commission 4),	Canada
<i>Karsten Zimmermann</i>	(commission 4),	Germany

*Karsten Zimmermann* was approved as a new member of commission 4.

The chairmen of commission 4, *Ryszard Hejmanowski*, and commission 5, *Martin Vrabel*, had sent their apologies. They were unable to attend the meeting for business reasons.



## INTERNATIONAL SOCIETY FOR MINE SURVEYING

Presidium: Prof. Dr.-Axel Preusse  
(2010-2013) Institute for Mine Surveying  
Wuellnerstr. 2  
25062 Aachen, Germany

---

### Top 3 Contributions to the meeting

Reports about commission activities were given by the chairmen or rather their representatives.

The current commission work and its outcome have not been satisfying in recent times. The lack of active working commission members and of special (mine surveying) topics has decreased the level of interest for experts to collaborate on commission meetings and sessions. There is a possible misunderstanding of the term "Mine Surveying" in different regions. In some countries "Mine Surveying" is a standalone profession (e.g. "Markscheidewesen" in German speaking countries) with more tasks than just surveying in mining, whereas in other countries it is just a special part of surveying.

These reports launched a discussion about general commission activities and possible future commission work.

All attendees agreed to the following outcome of the discussion to increase the interest for colleagues to collaborate:

- Future commission meeting should be organized in connection to international symposia (symposia are shorter than congresses) with a high level of interest in mine surveying related topics e.g. surveying, mining, environmental issues, ground movements, etc. which includes all competences of the ISM commissions
  - Commission meetings should be held as a "mine surveying" session within a symposium
  - Commission meetings should have a separate chapter for the "mine surveying" session within the symposium proceedings
  - Commission meetings should offer special and interesting topics of current interest within the mine surveyor community to ...
    - prevent competing with other associations concerning surveying, mining, environmental issues, ground movements etc.
    - offer the organizing host an additional and positive block of special mine surveying contributions to the symposium
  - Such symposia (or sessions within symposia) could be a further possibility for interested colleagues to inform themselves about special mine surveying working fields and developments.
- Another idea of improvement of commission work could be to leave the formal limits of the commissions.
  - In fact commission meetings have been joint meetings in the recent times, so that the differentiation of the several commissions has been less and less visible. So, there is no need to change the formal statutes immediately.



## INTERNATIONAL SOCIETY FOR MINE SURVEYING

Presidium: Prof. Dr.-Axel Preusse  
(2010-2013) Institute for Mine Surveying  
Wuellnerstr. 2  
25062 Aachen, Germany

---

- To focus future commission work on special topics, the detailed work could be done in smaller workgroups without yearly schedules
- Both ideas would lead to the following commission activities:
  - Commission work would be on special topics within smaller groups with meetings from time to time as needed
  - The yearly commission session would be held within a symposium
- A suggested special general topic can be: Development of special technology in mine surveying
- The present commission chairmen will recommend these ideas as a proposal to the presidium. No decision is needed, but comments are welcomed.

Further contributions by members of the commission:

*Jürgen Mayer* gave a presentation about new developments in surveying instruments at Leica-Geosystems. Details of his presentations were given to the attendees on an extra USB stick.

*Norbert Benecke* gave a presentation about new developments in surface movement and slope monitoring at DMT. Details of his presentations were given to the attendees on an extra USB stick.

*Anatoly Okhotin* gave a presentation about developments at the Irkutsk State University and opportunities for foreign scientists to build up a school of mine at the Irkutsk State University financially funded by the Russian government. He asked the present colleagues to support him to find the appropriate scientists. Details of his presentations and the funding program were given to the attendees on an extra USB stick. He invited all colleagues to a scientific symposium in Irkutsk on October 6 – 9, 2011 to give their presentations.

### **Top 4**      Date and venue of next commission meetings

The commission chairmen will discuss among themselves possible dates and venues for the next joint commission meeting. Invitations will be shipped in prior to the next meeting.

### **Top 5**      Miscellaneous, closing session

The chairman closed the meeting after all discussion had been successfully finished



## INTERNATIONAL SOCIETY FOR MINE SURVEYING

Presidium: Prof. Dr.-Axel Preusse  
(2010-2013) Institute for Mine Surveying  
Wuellnerstr. 2  
25062 Aachen, Germany

---

**May 4, 2011**

### **Fieldtrip “Reiche Zeche”**

The fieldtrip lead to the old mine site “Reiche Zeche”, which was an old ore mine in former times. This old mine site is part of the Freiberg University with the chair of the Mine Surveying Institute as the director of the mine.

The underground visit took about 2 hours with a lot of interesting information about the old mining works.

The field trip ended with a rustic lunch at the Mine Surveying Institute at the Freiberg University.

*Ralf Schulte*  
Commission 1 chairman



# INTERNATIONAL SOCIETY FOR MINE SURVEYING

Presidium: Prof. Dr.-Axel Preusse  
(2010-2013) Institute for Mine Surveying  
Wuellnerstr. 2  
25062 Aachen, Germany

---

## Joint ISM Commission 1, 3, 4 and 5 meeting

May 3, 2011

Freiberg, Germany

Hotel Alekto – Am Bahnhof 3 – 09599 Freiberg

(Google Maps: Lat: 50.909351, lon:13.343032)

[www.alekto.de](http://www.alekto.de)

## Agenda

**Top 1** Opening session

Welcome of members and guests  
Acceptance of the agenda

**Top 2** Approval of members

Welcome of new members and update of the member lists  
Approval of the minutes of the previous meeting

**Top 3** Contributions to the meeting

All Chairmen:	Reports about commission work
Jürgen Mayer (LEICA):	New developments in surveying instruments
Norbert Benecke (DMT):	New developments in surface movement and slope monitoring

Amendment: Anatoly Okhotin: Special contribution on further developments

**Top 4** Date and venue of next commission meetings

**Top 5** Miscellaneous, closing session