



21st Annual General Meeting in Tallinn, Estonia June 18 – 22, 2010

Meeting Theme: Innovations in Mining

Friday 18th June, 2010

16.00 - 21.00	Delegation Registration	<i>VII-atrium (See mi.ttu.ee/somp2010/maps)</i>
16.00 - 18.00	SOMP Committee meetings	<i>VII-226</i>
17.00 - 18.00	SOMP Council meeting	<i>VII-223, VII-215, R-215</i>
18.15	Bus to Pirita	
18.30 - 21.00	Welcome Cocktail in Castle Maarjamäe Welcome speech	http://www.eam.ee/index.php?id=25 <i>Pirita tee 56, 10127 Tallinn</i>

Saturday 19th June, 2010

8.00	Meeting in foyer of Reval Hotel, for bus transport to TUT	
08.30	Arrive at Tallinn University of Technology, TUT Coffee and tea	<i>Ehitajate tee 5, Tallinn 19086, Estonia</i>
09.30 - 10.30	<u>Opening Session (Mining Department)</u>	<i>assembly hall, I</i>
	Moderator: Prof. Ingo Valgma, SOMP President, University of Tallinn, Estonia Welcome to TUT <i>Peep Sürje, Rector, TUT</i> Welcome to the 21 st Annual General Meeting <i>Ingo Valgma, SOMP President</i> Welcome Address <i>Tõnu Lehtla, Dean of the Power Engineering Faculty</i> Overview of the Estonian Raw Materials Industry <i>Rein Voog, Association of Estonian Mining Enterprises</i> Estonian Energy Outlook, <i>Igor Kond, Estonian Energy Ltd</i>	

10.30 - 11.00 Coffee break

11.00 - 12.30 **Session 1: Industry Committee – Innovations in Mining Operations** *assembly hall, I*

Coordinator and Moderator: Prof. Monika Hardygora, Wroclaw University of Technology and President, KGHM CUPRUM, Poland

- Climate Change and the Metals and Industrial Minerals Sector, *Dr Corina Hebestreit, Euromines, Belgium*
- Carbon Capture and Storage-The Road to Deployment, *Prof. Michael Karmis, Virginia Tech, USA*
- Equipment Fuel Consumption, CO2 Emission and Economic Cost under Various Operating Conditions, *Assoc. Prof. Vladislav Keckojevic, West Virginia University*
- Traditional and Innovative Life Cycle Analysis (LCA) Tools for the Mineral Industries, *Dr. Gian Andrea Blengini, Politecnico di Torino, Italy*

12.30 - 13.30 Lunch

13.30 - 14.30 **Session 2: The SOMP Roadmap to the Future - Report and Progress** VII-226

Coordinators and Moderators: Prof. Bruce Hebblewhite, University of New South Wales, Australia, SOMP Past President and Prof. Michael Karmis, Virginia Tech, SOMP Secretary General

14.30 - 15.00 Coffee break

15.00 - 16.45 **Session 3: Education Committee - Educational Technologies and International Collaborations** VII-226

Coordinator and Moderator: Prof. Bruce Hebblewhite, University of New South Wales, Australia

- Annual International SOMP Survey on Enrolment in Mining Schools, *Prof. Bruce Hebblewhite, University of New South Wales, Australia*
- An Update on the The Erasmus Mundus Minerals and Environmental Programme (EMMEP), *Assoc. Prof. Hans de Ruiter, Delft University of Technology, The Netherlands*
- Status and Prospects for Use of Interactive Teaching Facilities for Distance/Collaborative Education, *Assoc. Prof. Andrew Jarosz, Curtin University, Australia*

Panel Discussion on Educational Technologies

Use of mining software packages in education – how should they be used/role of educators?
Role of virtual laboratory simulations – can they replace/supplement actual lab classes in mining education?

- *Prof. Pierre Mousset-Jones, University of Nevada Reno, USA*
- *Assoc. Prof. Andrew Jarosz, Curtin University, Australia*
- *Other international representatives*

16.45 - 17.15 Coach transport to Open Air Museum <http://www.evm.ee/keel/eng>

18.00 - 21.00 Dinner at “Kolu Kõrts” in Open Air Museum http://en.wikipedia.org/wiki/File:Kolu_tavern.jpg

Sunday 20th June, 2010

8.00 Meeting in foyer of Reval Hotel, for bus transport to TUT

08.30 Arrive at Tallinn University of Technology, TUT *Ehitajate tee 5, Tallinn*
Coffee and tea *19086, Estonia*

09.00 - 10.30 **Session 4: Research and Development Committee - Innovations and Collaborative R&D** VII-226, VII-131

Coordinator and Moderator: Prof. Michael Karmis, Virginia Tech, USA

- Collaborative Research Priorities and Practicalities - MIRO's Experience in Europe, *Dr. Chris Cross, President, The Mineral Industry Research Organisation (MIRO), United Kingdom*
- Rock Mass - Rock Support Interaction in Deep Mining, *Prof. Erling Nordlund, Luleå University of Technology*
- Sensor Based Sorting Techniques, *Prof. Wijnand Dalmijn, Delft University of Technology, The Netherlands*
- SARMA: A South Eastern Europe Initiative for Sustainable Aggregate Resource Management, *Prof. Zach Agioutantis, Technical University of Crete, Greece*

10.30 - 11.00 Coffee break

11.00 - 12.30 **Session 5: Membership Development Committee - Attracting, Retaining and Developing Mining Academics** VII-226, VII-131

Coordinators and Moderators: Assoc. Prof. Vladislav Kecojevic, West Virginia University, USA and Prof. David Laurence, University of New South Wales, Australia

- *Prof. Helmut Mischo, Namibia University of Science and Technology, Namibia*
- *Prof. Pinyo Meechumna, Chulalongkorn University, Bangkok, Thailand*
- *Dr. Ronny Webber-Youngman, University of Pretoria, South Africa*
- *Prof. Mario Cedron Lassus, Universidad Catolica del Peru, Peru*
- *Dr. Farshad Rashidinejad, Islamic Azad University (IAU), Iran*

12.30 - 13.30 Lunch

13.30 - 15.00 **Session 6: Closure of Roadmap Exercise – Future Emphasis and** VII-226, VII-131

Action Plans

Coordinators and Moderators: Prof. Bruce Hebblewhite, University of New South, SOMP Past President and Prof. Michael Karmis, Virginia Tech, SOMP Secretary General

15.00 - 15.30 Coffee break

15.30 - 16.30 **General Business Session and Closing of 21st AGM** VII-226, VII-131

Moderator: Prof. Michael Karmis, Virginia Tech, SOMP Secretary General

16.30 - 17.00 Coffee break

16.30 - 18.45 Opportunity for committees meetings and discussions

19.00 Coach transport to Tallinn Old Town

19.30 - 23.00 Dinner at the restaurant „Olde Hansa” in *Vana turg 1, Tallinn Estonia 10140*
Tallinn Old Town <http://www.oldehansa.ee/?id=10693>

Monday 21th June, 2010 EXCURSION

8.00 Bus to oil shale mining district

Option 1 Sponsored and organised by AS Kunda Nordic Cement:
Surface Oil Shale mine, Cement plant, Aru-Lõuna limestone quarry, Mereäärsse clay pit, Kunda port

Option 2 Organised by Estonian Energy Mining (Eesti Energia Kaevandused):
Underground Oil Shale Mine Estonia, Surface Oil Shale mine Narva, Oil Plant, Power-plant

Option 3 Nuclear Waste Deposit, Oil Plant, Power-plant

Lunch en Route

19.00 Arriving back to Tallinn
Dinner

Tuesday 22th June, 2010 EXCURSION

10.00 Guided tour in Historic Tallinn Old Town and Visit to underground Bastion tunnels

Preliminary Program for Accompanying Persons

Saturday 19th June, 2010

Sightseeing Historic Tallinn Old Town, Guide tour in Historic Tallinn Old Town
Lunch at "Kuldne notsu"
Open Air Museum
18.00 - 21.00 Dinner at „Kolu Kõrts”

Sunday 20th June, 2010

KUMU <http://www.ekm.ee/eng>
19.30 - 23.00 Dinner at the restaurant „Olde Hansa” <http://www.oldehansa.ee/?id=10693>

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