

Passports and Visas, Customs Quota

Norway is not an EU-member state. The Schengen-rules regulate traffic of EU-residents only and do not apply to any goods. A valid passport is the only ID document accepted by Norwegian authorities. All Euroseminar attendees requiring a visa for Norway are advised to contact their local Norwegian Embassy or Consulate well in advance. Check out this page: www.embassies.mfa.no/cgi-bin/wbcb3.exe?p=1236.

Import of alcohol, tobacco and medication is strictly limited to small personal quota. Check www.toll.no/engelsk/reisende03.html for details.

Liability

The organizers cannot accept any responsibility for personal accidents or damage to personal effects of any Euroseminar participants. Everyone is advised to make their own arrangements for insurance of personal effects. Certain insurances may also cover cancellation fees. Check with your local travel agent.



Erkebispegården adjacent to the Nidaros Cathedral, the venue for the Welcome Reception on Tuesday, kindly sponsored by Trondheim Municipality.



Panoramic view of Elgeseter Bridge (with ASR), and the millennium-old Nidaros Cathedral made entirely of soapstone.

9th EUROSEMINAR ON MICROSCOPY APPLIED TO BUILDING MATERIALS

September 9-12, 2003
Radisson SAS Hotel
Trondheim, Norway

Second Circular

OFFICIAL SPONSORS



TENTATIVE ITINERARY					
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
MORNING	NO PROGRAM	Opening Address & Plenary Session	Technical Sessions	Technical Sessions	Technical Sessions
		lunch	lunch	lunch	lunch
AFTER-NOON	Early arrival & Registration	Technical Sessions	Technical Visit to Nidaros Cathedral & Elgeseter Bridge	2+2 Parallel Workshops (preregistration required)	Plenary Session & Closing Address
EVENING	Ice-Breaker Cocktail Party	Social Program Sverresborg Museum	Welcome Reception Trondheim Municipality	Euroseminar Banquet	NO PROGRAM



Introduction and Background

The Organizing Committee of the 9th Euroseminar on Microscopy Applied to Building Materials (EMABM) has the pleasure to invite you to Trondheim, Norway from September, 9-12, 2003. The prime goal of the biennial Euroseminar is to provide an independent international platform to promote and communicate the use and application of microscopic techniques for research and quality assessment purposes on building materials, and to introduce and welcome potential newcomers to the field.

Venue and Date

The 9th EMABM will take place in Trondheim, Norway, on September 9-12, 2003, i.e. Tuesday through Friday, in the Radisson SAS Royal Garden Hotel.

Themes

The Euroseminar program comprises the following themes:

- raw and recycled materials, natural stone;
- cement, concrete and concrete structures;
- bricks, masonry, screeds, tiles, renderings;
- quality and damage assessment;
- characterization of recent and historic building materials;
- materials for repair and restoration (any type);
- innovative specimen preparation and analytical techniques.

Workshops

For the first time at the EMABM, 2-by-2 parallel workshops are organized on selected EMABM-themes. Please indicate on the registration form which TWO workshops you would prefer to attend to.

A - Alkali-Reactive rocks in the EU – the PARTNER project, chaired by *dr Viggo Jensen* and *mr Jørn Jensen*. Report from the PARTNER project on practice and testing of potentially alkali reactive rocks in the EU by use of new RILEM methods – co-normative project for second generation of CEN standards

B - Natural stone in the EU - the TEAM project, chaired by *dr Lisbeth Almas*, on the testing and assessment of marble and limestone for building and construction purposes, to avoid undesired deformation and weathering during service-life

C - Rehabilitation of historical buildings: materials and methods, chaired by *dr Radko Kühnel* and *mrs MayKristin Roen MNLA*, on factors to take into account when assessing historical building material and how these relate to the structure as a whole

D - Sample extraction and preparation for petrographic and geochemical analysis, chaired by *dr Peter Laugesen* and *dr Maarten A.T.M. Broekmans*, on artifacts in sample preparation for petrography, and in diminishing concrete for geochemical assessment.

Trondheim City

Initially called Nidaros, Trondheim was the first official capital of Norway. The city was founded in 997 on the banks of the Nidelva river by Viking king Olav Tryggvason.

Today, more than millennium-old Trondheim is a lively and vibrant academic town, profiled as the knowledge-center of mid-Scandinavia. Trondheim is home for the Norwegian university for science and technology NTNU, with a prestigious research community and extensive facilities (www.ntnu.no). More information can be found at www.trondheim.com/engelsk/multimedia/kart/midtbyen_map.asp with an interactive map, at www.my-guide-trondheim.com/profile.asp, and at www.visit-trondheim.com/index_e.htm.

Downtown Trondheim is small enough to explore by foot. Transport within Trondheim city limits is easiest by bus (route map: www.team-trafikk.no/page.asp?id=52). Excursions to the old copper mining camp Røros (UNESCO world heritage) can be made by car or train.

Traveling to Trondheim

Trondheim can be reached by air, by train, by car, and by sea. Travel by air is quickest, with about 40 daily connecting domestic flights (~1 hour) coming in from Oslo/Gardermoen operated by several airlines, and direct international flights to Copenhagen/Kastrup (~2 hours) and Amsterdam/Schiphol (~2.5 hours).

Information about alternative ways to travel to Trondheim can be found on the web, eg at www.nsb.no/internet/en/index.jhtml for travel by train, and at www.burtigruten.com/uk by boat.

Airport-Downtown Trondheim Transportation

Værnes airport is some 35km from downtown Trondheim. The Airport bus brings you from the airport directly to the front door of the Euroseminar venue for 62NOK one-way, payable in cash in local currency. Alternatively, a cab will cost from 400-600NOK.

Special EMABM Discounted Travel Rates

For 9th EMABM attendees, Royal Dutch Airline KLM offers a special discounted fare on direct flights from Amsterdam Schiphol (AMS) to Trondheim Værnes (TRD). When booking your KLM ticket, mention the EMABM discount code to be posted at www.trondheim.cc/emabm/additionals.htm.

Hertz car rentals has a special discounted rate for EMABM attendees. When ordering a car, make sure to mention booking code CDP 536.370 to apply for the discount.

Climate and Weather at 63° North

Generally speaking, the weather is fine and often sunny in September. However, though the climate is described as ‘moderate’ (the Arctic Circle is only 400km up North), weather may vary from ‘Indian Summer’ to ‘autumnal’. Bring appropriate clothing and check the weather forecast at eg. www.trondheim.com/engelsk/weather/index.asp.

Optional Social Program and Euroseminar Banquet

Monday evening September 8, from 19.00-21.00, early arrivers are heartily invited to join the Ice-Breaker Party in the nearby café Lille London. Ask for directions at your hotel.

On Tuesday night September 9, an optional event is scheduled at the Sverresborg open-air museum located on the idyllic grounds surrounding the ruins of king Sverre's medieval castle. It is now home to a fascinating collection of coastal, inland and mountain village buildings illustrating the way of life in Trøndelag in the 18th and 19th centuries. True treasure here is the beautifully decorated entertainment lounge from 1790 and the Haltdalen stave church from 1170, the northernmost stave church preserved in Norway. You will have the opportunity to try a taste of traditional food and drinks, see the blacksmith at work and listen to traditional and medieval Norwegian music

Wednesday night September 10, all Euroseminar attendees are invited to an organ concert in the Nidaros Cathedral and join the Welcome Reception at the Erkebispegården (the archbishops' palace), invited by Trondheim Municipality.

The traditional Euroseminar Banquet will be held Thursday evening September 11 at the classic Britannia Hotel in baroque architecture (www.britannia.no). The country hosting the next (10th) Euroseminar will be made official, and candidate hosts for the 11th EMABM in 2007 are herewith invited to present their countries.

Technical Excursion

Wednesday afternoon after lunch, there will be a technical excursion to the almost millennium-old Nidaros soapstone cathedral, and the nearby Elgeseter bridge. Excursion guides will be issued for all participants. Both visits are at 10-15 minutes walking distance from the 9th EMABM venue at Radisson SAS Royal Garden.

The Welcome Reception in the archbishops' palace ('Erkebispegården') invited by Trondheim municipality is right after the technical excursion.

Nidaros cathedral and Archbishops' Palace

Current restoration works on the cathedral and the unique stone workshop at NDR will be visited. A technical exhibition elucidating the restoration works is next to the cathedral and the archbishops' palace dating from the middle of the 11th century; these are also included in the tour. More information can be found at www.nidarosdomen.no/english/ndr/.

Elgeseter Bro

The Elgeseter bridge across the Nidelva river, built in 1950, is damaged by deleterious alkali-silica reaction (ASR). The bridge is currently under rehabilitation. Repaired and not-yet repaired concrete columns, test sites of silane impregnation and the monitoring program for measurement of relative humidity and expansion of cracks will be visited.

Organizing Committee

dr Viggo Jensen - EMABM Chairman

managing director, Norwegian Concrete & Aggregate Laboratory NBTL; Trondheim
dr Maarten A.T.M Broekmans - EMABM Secretary

senior geologist, Geological Survey of Norway NGU, Trondheim
prof.dr Bjorge Brattli

Norwegian University of Science & Technology NTNU, Trondheim
mrs MayKristin Roen MNLA

restoration manager, Bergen Kirkelige FellesrDd BKF, Bergen
mr Tor Simensen

Tvete Arrangement, Trondheim

Scientific Committee and Board of Reviewers

The Scientific Committee of the 9th Euroseminar has been constituted as follows:

dr Maarten A.T.M Broekmans - Chief Editor

dr Viggo Jensen

prof.dr Bjørge Brattli

mrs Marit Haugen, research engineer SINTEF Civil & Environmental Eng., Trondheim

An International board of reviewers has been appointed to help review the over 60 submitted draft manuscripts. The Scientific Committee carries editorial responsibility for the Euroseminar Proceedings and for its general scientific content, including the Workshops. Any editorial inquires are to be directed at the Chief Editor.

Proceedings and Posters

The official Euroseminar language is English. There will be NO simultaneous translation. Extended 2-page abstracts of accepted papers will be printed in the 9th Euroseminar Proceedings. Full papers of up to 20 pages will be published on an indexed cd-rom. One copy of the Proceedings (book + cd-rom) is included in the registration fees for delegates and approved graduate students.

Posters submitted before the submission deadline for full papers (as CorelDRAW .cdr, image file, or Adobe Acrobat .pdf) will be included on the cd-rom.

Submission Deadlines for Final Papers and Posters

Authors of accepted abstracts have received authors' instructions, to prepare draft manuscripts. Check the supplied provided guidelines for submission details. Acceptable submission formats are Word (.doc) and/or WordPerfect (.wp9).

To provide room for posters to present your preliminary data or to provoke a discussion during the coffee breaks, presentation walls will be set up at the EMABM venue. Contact the Chief Editor in good time if you want to submit a poster.

Submission Address

All contributions (draft and final, including posters) must be submitted to:

Geological Survey of Norway
Department of Mineral Resources
c/o dr. Maarten A.T.M. Broekmans
NO-7491 TRONDHEIM, Norway

phone: +47 7390 4000
facsimile: +47 7392 1620
e-mail: maarten.broekmans@ngu.no

Contributions mailed to Norsk Betongforening c/o Kristin Sande will automatically be forwarded to the above address.

Registration Secretariat

Completed registration forms must be returned to:

Tvete Arrangement
Prinsens gate 51
NO-7011 TRONDHEIM, Norway

phone: +47 7380 7720
facsimile: +47 7380 7728
e-mail: arrangement@tvete.com

Up-to-date information about the 9th Euroseminar and related subjects can be found on the internet at: www.nbitl.no/English/9th_euroseminar.htm and www.trondheim.cc/emabm.

Registration Fees

The attached Registration Form quotes fees for delegates, graduate students and accompanying persons. To apply for the reduced graduate registration fee, attach recent attested proof of student status mentioning grade and date expected to the regular registration form. To enjoy the discounted early registration fee, both registration and payment must have been received before the early registration deadline of June 30, 2003.

The *optional* Social Program at Sverresborg and/or Euroseminar Banquet must be ordered together with early registration, for which the deadline is set at June 30, 2003. A minimum of 50 participants is required for the Sverresborg arrangement.

All amounts are in Norwegian currency (kroner; NOK). Exchange rates always vary with time but are around 7.5-8.0NOK for 1EUR, and slightly lower for 1USD. Check with your local office for current rates.

Registration Details

The registration fee **for delegates and approved graduate students** includes:

- access to technical sessions and workshops,
- Euroseminar effects (Final Program, Proceedings, etc.),
- Ice-Breaker Party on Monday September 8,
- half-day technical visit to Nidaros Cathedral and Elgeseter Bridge,
- organ concert at Nidaros cathedral,
- reception at the Erkebispegården by the Trondheim Municipality.

The registration fee **for accompanying persons** includes:

- Ice-Breaker Party on Monday September 8,
- half-day technical visit to Nidaros Cathedral and Elgeseter Bridge,
- organ concert at Nidaros cathedral,
- reception at the Erkebispegården by the Trondheim Municipality.

Registration and Information Desk

The Euroseminar registration and information desk is open during the technical sessions. The information desk is also your contact for the outside world when you are attending technical sessions. During the Euroseminar participants can be reached at +47 7380 3000. Urgent fax messages can be sent to +47 7380 3050 of the Radisson SAS Royal Garden Hotel, and E-mails to: Guest.Trondheim@RadissonSAS.com. All messages must be directed to the care of the "Euroseminar information desk". These numbers and e-address may be used by home-stayers to contact you during the entire Euroseminar.

Accommodation

A block of rooms has been reserved at the Radisson SAS Royal Garden Hotel, the Euroseminar venue. The hotel packages offered all include 4 nights of single room accommodation, use of conference facilities, 4 breakfasts, 4 lunches and 8 coffee breaks during the Euroseminar. It is advisable to reserve your room together with your registration to guarantee accommodation.

Those who wish to make their own arrangements are welcome to do so. However, an additional payment of 1600NOK is required to cover use of conference facilities and board during the Euroseminar sessions, otherwise included in the hotel packages.

Cancellation Policy

The 9th Euroseminar holds one uniform cancellation policy for the registration fee, hotel bookings and optional program items all alike. Cancellations received ultimately June 30 (ie. the early-registration deadline) get a full refund. Cancellations received between July 1 and August 31: full refund less 1000NOK. Later cancellations (received on September 1 or later) or no-show: *no refund*. Cancellations must be confirmed in writing by e-mail, fax or ordinary mail to Tvete Arrangement.