



# 7<sup>th</sup> Baltic Stratigraphical Conference

## 17–18 May 2008, Tallinn, Estonia

### SECOND CIRCULAR

The **Baltic Stratigraphic Association (BSA)** unites Estonian, Latvian, Lithuanian and NW Russian national commissions on stratigraphy. Every three years the BSA organizes international conferences devoted to various aspects of regional geology and stratigraphy. Previous meetings were held in:

- 2005 – St. Petersburg, Russia
- 2002 – Vilnius, Lithuania (*Basin stratigraphy – modern methods and problems*)
- 1999 – Jūrmala, Latvia (*Problems and methods of modern regional stratigraphy*)
- 1996 – Tallinn, Estonia (*High-resolution biostratigraphy and Baltic regional stratigraphy*)
- 1993 – Vilnius, Lithuania
- 1991 – Tallinn

The **7<sup>th</sup> Baltic Stratigraphical Conference**, organized jointly by the Institute of Geology at Tallinn University of Technology; the Institute of Ecology and Earth Sciences, University of Tartu; and the Geological Survey of Estonia, will be held in Tallinn on 17–18 May 2008. There will be four pre- and post-conference field excursions on 15–16 May and 19–22 May 2008.

The 7<sup>th</sup> Baltic Stratigraphical Conference is an event of the **International Year of Planet Earth**, aiming at contributing to two scientific topics: *Earth & Life – the origins of diversity* and *Climate Change – the 'stone tape'*. Moreover, the Conference has a special session of the **IGCP Project 503: Ordovician Palaeogeography and Palaeoclimate**.

All contributions related to geology and stratigraphy of the Baltic region are most welcome. Depending on the interest and number of papers, different sessions will be held. The topics of primary interest include, but are not limited to:

- Regional stratigraphic schemes, correlation and stratotypes
- Regional aspects of the international timescale
- Biostratigraphy, palaeontology and biodiversification
- Sequence stratigraphy
- Quantitative stratigraphy
- Isotope stratigraphy
- Quaternary geology
- Ordovician palaeogeography and palaeoclimate (*IGCP 503 session*)
- Volcanic ash layers and their utility for stratigraphy, facies analyses and diagenetic history research

If you wish to propose a special session or organize a workshop, please let the organizers know.

#### Important dates

<b>November 2007</b>	Distribution of the Second Circular and registration
<b>1 February 2008</b>	Deadline for registration to excursions and applying for support
<b>1 March 2008</b>	Deadline for abstracts, registration and payment of regular fee
<b>15–16 May 2008</b>	Excursion A: Ordovician and Silurian bentonites of Estonia
<b>16 May 2008</b>	Arrival, Ice-breaker
<b>17–18 May 2008</b>	Scientific sessions
<b>19 May 2008</b>	Excursion B: Ordovician of northeastern Estonia
<b>20–22 May 2008</b>	Excursion C: Silurian of Saaremaa Island
<b>20–22 May 2008</b>	Excursion D: Devonian of southern Estonia
<b>1 July 2008</b>	Deadline for submission of papers for the special volume of <i>Estonian Journal of Earth Sciences</i>

## About Estonia

Estonia (Republic of Estonia) is a country in Northern Europe. Its area is 45 227 km<sup>2</sup>. The capital of Estonia is Tallinn, famous by its medieval “old town”. The population of the country is 1.4 million and about 0.4 million people live in Tallinn. Estonia has land borders with Latvia to the south and Russia to the east. It is separated from Finland in the north by the Gulf of Finland and from Sweden in the west by the Baltic Sea.

Since 2004 Estonia is a member of the European Union. The currency is Estonian kroon (EEK) and 1 Euro equals with 15.65 Estonian kroons. See also <http://www.visitestonia.com>.

You should check out if you need visa for Estonia (<http://www.vm.ee/eng>). If you do need visa and require official invitation, please let us know.

## Travel

Tallinn can be easily reached by plane, ferry, bus or car. See <http://www.tallinn.ee> for maps, public transport schemes and other tourist information.

For those who need a visa we will send an appropriate invitation upon request.

## Venue

The conference will be held in the hotel Dzingel. Accommodation and lunches will be arranged therein and this is also where the excursions depart.

Address of the hotel:

Männiku tee 89, 11213 Tallinn, Estonia

Phone +372 6105201

<http://www.dzingel.ee>

## Accommodation

Accommodation is arranged in the hotel Dzingel, where the conference takes place. Single, double, and triple rooms are available. If choosing double or triple rooms please indicate your preferred roommate(s). The prices for rooms are as follows:

Single room	EEK 530 / EUR 34
Double room	EEK 710 / EUR 46
Triple room	EEK 890 / EUR 57

The price includes buffet breakfast, morning and evening sauna and all taxes. All rooms have bathrooms, cable TV, telephone etc; WiFi Internet is available in some rooms (hopefully in all rooms by May 2008) and in the lobby.

NB! The accommodation will be booked by the organizers based on your registration form data but has to be paid by the participants upon arrival (by credit card or cash).

## Presentations

The official language of the conference will be English. LCD projectors and computers will be available for presentations. Please prepare your presentation in Microsoft PowerPoint (ppt), OpenOffice Impress (odp) or Adobe Acrobat (pdf) format. All talks will have 15+5 minutes. Posters should be prepared in standard A0 or A1 size, portrait. Please indicate the type of presentation in the registration form.

### *Student presentation contest*

All talks and posters by students will take part in contest for the best presentation. Awards are to be announced.

## Abstracts and publication

The length of abstracts is limited to one A4 page, single-spaced, 12 pt serif font (such as Times New Roman), with 2.5 cm margins. Provide authors' names, affiliations and e-mail addresses after the title. Use a recent version of OpenOffice.org or Microsoft Word as the word processor. Abstracts should be written in correct English. The Scientific Committee reserves the right to accept or refuse any submission. Please note that your paper can be included in the programme and abstracts volume only if your conference fee is paid in due time. Please submit abstracts by e-mail to [7bsc@gi.ee](mailto:7bsc@gi.ee). The deadline is **1 March 2008**.

All participants are also encouraged to submit papers for the conference volume to be published as a special issue of the *Estonian Journal of Earth Sciences*. The manuscripts are to be submitted before **1 July 2008**. All papers will be reviewed and edited as regular papers of the journal. Please check the guidelines for authors of the journal at <http://www.kirj.ee/earthsciences>. Depending on the number of contributions, the conference volume will be published in late 2008 or early 2009.

## Excursions

Four excursions are planned to cover Cambrian to Devonian rocks of Estonia. Please note that the excursions will only take place when there is sufficient interest. As some of the excursion stops are not fixed as of now, only brief descriptions are provided below. Please check the conference website for detailed excursions programme in early 2008. If you plan to attend any of the excursions please let us know as soon as possible – but **before 1 February 2008** – so that we can make all arrangements in due time.

### ***Excursion A: Ordovician and Silurian bentonites of Estonia***

15–16 May 2008

*Leader:* Tarmo Kiipli

*Cost:* EEK 1500 / EUR 100

*Maximum number of participants:* 20

*Start and end:* Tallinn (Hotel Dzingel)

*Brief description:* The excursion intends to show Ordovician and Silurian outcrops in northern and western Estonia that include layers of volcanic material – the bentonites (also termed as K-bentonites or metabentonites). The localities to be visited include Peetri, Pääsküla, Päre, Orgita, Rõstla and Valgu. Participants will stay overnight in the Särghaua field station, where drillcores containing bentonites will be demonstrated. Different aspects of bentonites will be discussed during the excursion – from high-resolution stratigraphy to geochemistry, mineralogy and volcanology. The excursion fee includes guidebook, transport, accommodation (in double rooms) and all meals.

### ***Excursion B: Ordovician of northeastern Estonia***

19 May 2008

*Leaders:* Tõnu Meidla and Leho Ainsaar

*Cost:* EEK 750 / EUR 50

*Maximum number of participants:* 40

*Start:* Tallinn (Hotel Dzingel)

*End:* Tallinn (Hotel Dzingel) or Tartu (for those continuing with excursion D)

*Brief description:* The Lower, Middle and Upper Ordovician successions of northeastern Estonia will be visited. The localities to be stopped at include Jägala waterfall, Saka and Valaste at the North Estonian Klint (O<sub>1</sub>-O<sub>2</sub>), kukersite oil shale mining sites (O<sub>3</sub>), O/S boundary beds in Tamsalu area, and regional Caledonian/Variscan unconformity with Eifelian (D<sub>2</sub>) carbonates covering the Ordovician in the Narva quarry. The excursion fee includes guidebook, transport and field lunch. Please note that accommodation for 19 May is not included (but see excursions C and D).

### ***Excursion C: Silurian of Saaremaa Island***

20–22 May 2008

*Leaders:* Peep Männik and Olle Hints

*Cost:* EEK 4000 / EUR 250

*Maximum number of participants:* 20

*Start:* 20 May 2008 from Tallinn (Hotel Dzingel)

*End:* ca 17:00 on 22 May 2008 in Tallinn

*Brief description:* The Silurian succession from Wenlock to Pridoli of Saaremaa Island will be shown. The localities to be visited include the Panga, Suuriku, Soeginina, Kaugatuma, Lõo and Ohessaare cliffs and the Jaagarahu and Kaarma quarries, the Kaali meteorite craters and several cultural stops. The fee includes excursion guidebook, transport, all meals and accommodation (three nights) in Tallinn (19 May) and Kuressaare (20–21 May, double rooms). Please note that accommodation in Tallinn on 22 May is not included.

### ***Excursion D: Devonian of southern Estonia***

20–21 May 2008

*Leaders:* Leho Ainsaar and Anne Pöldvere

*Cost:* EEK 3000 / EUR 200

*Maximum number of participants:* 20

*Start:* Tartu

*End:* ca 17:00 in Tartu

*Brief description:* Middle to Upper Devonian succession of southeastern Estonia will be shown. The localities to be visited include Givetian terrigenous succession in Kallaste, Taevaskoja, Härma, Tabina, Helme and Tamme, and Frasnian carbonates in Tiirhanna, Marinova, and Ape (NE Latvia), as well as the Ilumetsa meteorite craters. The excursion fee includes transport, all meals and accommodation in double rooms in Tartu (night on 19/20 May) and in Võrumaa (May 20/21). It is possible to leave from Tartu to Tallinn by bus in the evening of 21 May. Please note that accommodation in Tartu or Tallinn on 21/22 May is not included. Visa holders please note, that since 2008 Estonia and Latvia are members of the Schengen room and the Estonian visa is valid for the visit to Latvia as well.

## **Registration**

Please fill in and send the registration form by e-mail to [7bsc@gi.ee](mailto:7bsc@gi.ee) or by fax to +372 620 30 11. We will replay upon receiving your registration form within one week. If you will not receive our confirmation, please contact us directly using phone or fax (to overcome the problems of spam filters and the like).

Please fill in and return the registration form as soon as possible, even if your attendance is unsure at the moment. You can always resubmit the form later. Deadline for payment of the regular registration fee is **1 March 2008**.

## **Conference fees**

Regular registration fee (to be paid before 1 March 2008)	<b>EUR 100</b>	<b>EEK 1500</b>
Late registration fee (after 1 March 2008)	<b>EUR 150</b>	<b>EEK 2250</b>
Student fee	<b>EUR 50</b>	<b>EEK 750</b>
Conference Dinner (18 May 2008)	<b>EUR 30</b>	<b>EEK 500</b>
Excursion A: Ordovician and Silurian bentonites (15–16 May 2008)	<b>EUR 100</b>	<b>EEK 1500</b>
Excursion B: Ordovician of northeastern Estonia (19 May 2008)	<b>EUR 50</b>	<b>EEK 750</b>
Excursion C: Silurian of Saaremaa Island (20–22 May 2008)	<b>EUR 250</b>	<b>EEK 4000</b>
Excursion D: Devonian of southern Estonia (20–21 May 2008)	<b>EUR 200</b>	<b>EEK 3000</b>

The registration fee will cover attendance in all sessions, coffee-breaks, lunches, ice-breaker party and conference volume.

### ***Payment options***

Payments can be made by credit cards (in EEK), bank transfer or in cash on site. See the registration form for details. NB! Please do not send your credit card data by unencrypted e-mail, use fax or phone instead.

### ***Financial support / reduced registration fee***

If you need financial support please submit a free-form application along with your registration by e-mail ([7bsc@gi.ee](mailto:7bsc@gi.ee)) providing the following details: name, scientific degree, affiliation, current position, title of presentation, and the reason why you need support. Each application will be considered on individual basis. Please submit your application before **1 February 2008**.

### ***Cancellation***

Refunds of 50% of the fees will be paid if the cancellation is received before **1 May 2008**. No refunds are possible after this date.

### **Organizers**

The conference will be jointly organized by the Estonian Commission on Stratigraphy, the Geological Society of Estonia, the Institute of Geology at Tallinn University of Technology, the Institute of Ecology and Earth Sciences, University of Tartu, and the Geological Survey of Estonia.

### ***Organizing Committee***

Olle Hints (Chairman), Tõnu Meidla (Vice Chairman), Leho Ainsaar, Volli Kalm, Vello Klein, Peep Männik, Jaak Nõlvak, Ivar Puura, Anne Pöldvere, Ivo Sibul, and Oive Tinn.

### ***Scientific Committee***

Prof. Dimitri Kaljo (Chairman, Tallinn), Prof. Jurga Lazauskienė (Vilnius), Prof. Tatyana Koren (St. Petersburg), Prof. Ervīns Lukševičs (Riga), Prof. Anto Raukas (Tallinn) and Dr. Thomas Servais (Lille).

### **Further info**

Website: <a href="http://www.gi.ee/7bsc">http://www.gi.ee/7bsc</a> E-mail: <a href="mailto:7bsc@gi.ee">7bsc@gi.ee</a> Fax: +372 620 30 11 Phone: +372 620 30 10 Institute of Geology at TUT Ehitajate tee 5, 19086 Tallinn Estonia	Dr. Olle Hints E-mail: <a href="mailto:olle.hints@gi.ee">olle.hints@gi.ee</a> or <a href="mailto:olle.hints@gmail.com">olle.hints@gmail.com</a> Phone: +372 620 30 27, +372 51 30 157 Fax: +372 620 30 11	Prof. Tõnu Meidla E-mail: <a href="mailto:tonu.meidla@ut.ee">tonu.meidla@ut.ee</a> Phone: +372 737 58 95 Fax: +372 737 58 36
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