

# 2014 INQUA-SEQS meeting

## The Quaternary of the Urals: Global trends and Pan-European Quaternary records (10-15<sup>th</sup> September 2014, Ekaterinburg, Russia)

### First Circular and Call for papers



#### MEETING VENUE

## Ural Federal University and Institute of Plant & Animal Ecology Ural Branch of the Russian Academy of Sciences Ekaterinburg

#### SUPPORTING INSTITUTES

INQUA – Section on European Quaternary Stratigraphy

#### KEY DEADLINES

- November 2013 : first circular and announcement at the SEQS website
- 31 March 2014 : pre- registration
- 15 April 2014 : second circular
- 15 June 2014 : deadline for submission of abstracts
- 15 August 2014 : final circular and programme

#### INFORMATION

Conference office: Evgenia Markova, Email: [ekb2014inqua@yandex.ru](mailto:ekb2014inqua@yandex.ru)  
SEQS website: <http://www.inqua-seqs.org>

## **General Theme**

Global climatic and environmental changes during the Quaternary Epoch (2.6 Ma) are reflected in a wide range of geological and palaeontological records at different time and temporal scales. Based on the results of local and regional European Quaternary studies the meeting will focus on Quaternary stratigraphical correlations across the European continent. In addition, the integration of pan-European and pan-Eurasian stratigraphical frameworks will be discussed.

Due to its venue at the border of Europe and Asia the meeting will also highlight the Quaternary biostratigraphy and biochronology of the Ural region. During the associated field trip unique sites at both the European and Asian sides of the middle and southern Ural Mountain range will be visited. Following, lacustrine and fluvial deposits exposed in quarries of the Trans-Uralian peneplain will be observed. The exposed stratigraphical sequences encompass the time span from the Early Pleistocene to Holocene. The sites are relevant for the expression of the Quaternary trends in the geological and palaeontological records.

## **Honorary Committee**

Vladimir Bogdanov, Director of the Institute of Plant & Animal Ecology, UrB RAS, Ekaterinburg, Russia  
Vladimir Kruzhaev, Director of the Institute of Natural Sciences, UrFU, Ekaterinburg, Russia

## **Co-chairs:**

Aleksandr Borodin (IPAE UrB RAS and INS UrFU, Russia)  
Wim Westerhoff (Geological Survey of the Netherlands – TNO and SEQS)

## **Scientific Committee:**

Philip Gibbard (University of Cambridge UK)  
Natalia Gerasimenko (Institute of Geography, Kyiv, Ukraine)  
Jean-Pierre Lefort (University of Rennes, France)  
Leszek Marks (University of Warsaw, Poland)  
Wim Westerhoff (Geological Survey of the Netherlands – TNO and SEQS)  
Markus Fiebig (University of Natural Resources and Life Sciences, Vienna, Austria)  
Mauro Coltorti (University of Siena, Italy)  
Thijs van Kolfschoten (University of Leiden, Netherlands)  
Alexey Tesakov (Geological Institute RAS, Russia)  
Guzel Danukalova (Institute of Geology Ufimian scientific centre RAS, Russia)  
Aleksandr Borodin (IPAE UrB RAS and INS UrFU, Russia)  
Nikolay Smirnov (IPAE UrB RAS, Russia)  
Yuriy Lavrushin (Geological Institute RAS, Russia)  
Maria Dergacheva (Institute of Soil Science and Agrochemistry SB RAS, Russia)

**Organizing team** Olga Nekrasova – leader, Natalia Pogodina, Anton Utchaev (Ural Federal University), Pavel Kosintsev, Tatiana Strukova, Nikolay Erokhin, Maria Fominykh, Sergey Zykov, Yuliya Khrunyk, Petr Sibiryakov, Anatoly Ulitko, Evgeniy Isvarin, Dmitry Gimranov, Olga Bachura (Institute of Plant and Animal Ecology, UrB RAS)

## **Conference office:**

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Institute of Plant & Animal Ecology UrB RAS, 8 Marta Str., 202, Ekaterinburg, 620144, Russia.  
Tel./Fax: +7(343)2608256  
Email: [ekb2014inqua@yandex.ru](mailto:ekb2014inqua@yandex.ru)

## SCIENTIFIC TOPICS

The scientific programme includes oral and poster sessions (2 days) and field excursions (3 days). The main conference topics area:

- Quaternary stratigraphy and correlation in Europe and the coupling with Eurasian schemes.
- Sedimentation and taphonomy in Quaternary deposits.
- The geobiological record of Europe and the linkage with Eurasia.
- Quaternary (bio)chronology.
- European and Eurasian Quaternary soil sequences.
- Palaeontological, Palaeoclimatological and Palaeoenvironmental issues from the Quaternary of Europe and adjacent regions.

## CONFERENCE LANGUAGE

The official language of the meeting is English for presentations and publications.

## SCIENTIFIC PRESENTATIONS

Scientific contributions may be presented as oral presentations or posters. Time for oral presentations is limited to 20 minutes (15 minutes presentation + 5 minutes questions and discussions). Projection equipment for Power Point presentation is available.

Preferable poster size is A0 ( $\pm 118,9 \times 84,1$  cm). Posters will be displayed during the scientific sessions of the meeting. Materials for fixing posters on boards will be available on site.

## ABSTRACTS

Abstracts should be submitted by e-mail as attachments in Word-format. The text should not exceed two A4-sized pages (1000 words) and may include 1 figure. Please use page margins of 2.5 cm and send the figures separately in *jpg* or *tiff* format.

*Abstract template:* Title – font size 12/bold, centered; Author's names – font size 10/bold, centered, underline the name of the presenting author; Addresses – font size 9/bold/italic, institution, e-mail address of corresponding/presenting authors; Key words – font size 10; Main text – font size 11, and use single line spacing;

*Submission of abstracts before **15 June 2014*** to the conference's secretary:  
Evgenia Markova, Email: [ekb2014inqua@yandex.ru](mailto:ekb2014inqua@yandex.ru)

## PUBLICATIONS

Accepted abstracts and a field trip guide will be published in two special volumes and delivered during the registration.

Authors are encouraged to publish a full paper in the conference proceedings. Details on that will be given during the meeting.

## YOUNG CAREER SCIENTISTS

INQUA-SEQS deliberately encourages young scientists to participate and present research results at the annual meetings. Also MSc-students that completed a thesis in one of the topics mentioned are invited to present their work (see also supporting funds).

## Preliminary programme (10 – 16 September 2014)

10 September	Arrival to Ekaterinburg, and registration
11 September 	<i>Pre-conference field trip over the border of Europe and Asia:</i> Olen'i Ruch'i (Deer Springs) Natural Park in about 110 km west of Ekaterinburg. Typical landscape and sites of the Middle Urals: Holocene sites (from Neolithic to early Iron age): Kamennye palatki (non-karst shelters), Palkino peat bog. Late Pleistocene and Holocene locality Dyrovaty Kamen' on Serga River (karst grottos, Late Pleistocene to Holocene deposits about 3.3 m depth, 5 stages of the vertebrate fauna development, archaeological findings from Paleolithic to Bronze age). Grottos of Polovinka (Late Pleistocene) and Svetlyi (Holocene). <i>Return back to Ekaterinburg</i>
12 September 	<i>Opening ceremony</i> <i>Scientific session (oral and poster presentations)</i> <i>Welcome party</i>
13 September 	<i>Scientific session (oral and poster presentations)</i> <i>Business meeting</i> <i>Evening sightseeing: Ekaterinburg</i>
14 September 	<i>Excursion to the quarries on the Trans-Uralian Peneplain and the Eastern side of the Southern Urals.</i> Coal quarries in the Trans-Uralian peneplain: Baturino, Korkino. Fluvial, lacustrine, lacustrine-and-fluvial sediments from the Early to Late Pleistocene, and palaeosols. Baturino quarry: primarily lacustrine sedimentation, three formations of the Southern Trans-Urals: Chumlyak (Upper Pliocene - Lower Pleistocene), Sarykul' (upper Lower Pleistocene), Baturino (Middle Pleistocene), palaeomagnetic data (Cob Mountain, Jaramillo, Matuyama-Brunhes transition, Big Lost). Mammal and mollusk assemblages. Fluvial and lacustrine deposits in Miass city (near the Ilmensky Nature Reserve). Exposures in the Miass quarry are situated in terrace deposits above the present floodplain of the Miass river. The sequence ranges from Early to Middle Pleistocene and includes the Miass fluvial complex (Sarykul formation) and the Miass pedocomplex with five palaeosols. Palaeomagnetic data indicate Jaramillo and the Matuyama-Brunhes transition). The data encompass large mammal remains, ostracods, spores and pollen. <i>Overnight stay in a hotel near the Turgoyak lake.</i> <i>Conference Dinner</i>
15 September 	<i>Excursion: Visiting the caves and shelters on the Asian and European side of the Urals.</i> Ustinovskiy canyon (karst localities, Ustinovo rock shelter). Archaeological data, faunal remains (small and large mammals) dating back to the end of the Late Pleistocene and Holocene. Ignatievskaya Cave. A cave with Paleaeolithic painting. Lower layers correspond to Mikulino (=Eemian) interglacial. Taphonomy, mammalian assemblages, spores and pollen, palaeoclimate reconstructions. <i>Return to Ekaterinburg</i>
16 September	<i>Departure of participants</i>

## **LOCATION OF VENUE**

### ***Ekaterinburg***

The meeting will take place in Ekaterinburg, Russia.

Ekaterinburg is one of Russia's largest cities located in the middle of the Eurasian continent, on the border of Europe and Asia. Founded in 1723 as a factory fortress, Ekaterinburg has grown into Russia's fourth largest city with the population of 1.424.000, the main industrial, commercial, scientific and cultural center of the Urals that is historically referred to as (Russia's) window on Asia. For general information see: <http://www.ekaterinburg.com/>, or <http://its.ekburg.ru/en/>, or [http://www.ekburg.ru/english\\_version/](http://www.ekburg.ru/english_version/)

### ***Venue***

The meeting will be held at the Ural Federal University, building N1:

<http://expo2020.ru/en/redline/item/24/>

and the Institute of Plant & Animal Ecology UrB RAS

### ***Accommodation***

Ekaterinburg offers you a wide range of accommodation, from 5 star luxury hotels (from about 150 Euro) and 4 star hotels (from about 100 Euro) to small hostels (from 15 Euro per person) and apartments for rent (one-room flat in the city center is about 60 Euro, 2-room flat – 80 Euro, 3-room flat is about 90 Euro). List of the hotels recommended for participants will be given in the 2<sup>nd</sup> circular.

### ***Travel Information***

Ekaterinburg is situated in the middle of the Eurasian continent, 1667 kilometers east of Moscow (the time difference between Ekaterinburg and Moscow is +2 Hours from Moscow time). There are several ways to reach Ekaterinburg:

- **By air** – Regular direct flights to the International airport Koltsovo in Ekaterinburg are possible from several cities in Europe (a.o. from Helsinki, Frankfurt am Main, Prague, Rome, Istanbul) and depending on season from some other cities (Amsterdam, Barcelona, Varna and others).
- Russian airlines with direct flights to Ekaterinburg: Aeroflot ([www.aeroflot.ru](http://www.aeroflot.ru)), UralAirlines ([www.uralairlines.ru](http://www.uralairlines.ru)), Transaero ([www.transaero.ru](http://www.transaero.ru)), S7 ([www.s7.ru](http://www.s7.ru))
- Foreign Airlines with direct flights to Ekaterinburg: Alitalia ([www.alitalia.com](http://www.alitalia.com)), Bluebird Airways ([www.bluebirdair.gr](http://www.bluebirdair.gr)), Czech Airlines ([www.czechairlines.com](http://www.czechairlines.com)), Lufthansa ([www.lufthansa.com](http://www.lufthansa.com)), Flydubai ([www.flydubai.com](http://www.flydubai.com)), Turkish airlines ([www.turkishairlines.com](http://www.turkishairlines.com)), Finnair ([www.finnair.com](http://www.finnair.com))
- It is also possible to travel via Moscow and Saint-Petersburg that is usually a little bit longer but sometimes much cheaper than direct flights.
- **By train** - Ekaterinburg railway station connects European and Asian parts of the country and is a part of the famous Trans-Siberian railway. Access is possible via Moscow (the shortest travel time from Moscow to Ekaterinburg is about 26 hours by Ural express (train number 016E) arriving to Ekaterinburg every day in the evening, 1<sup>st</sup> class - 312 USD, 2<sup>nd</sup>-3<sup>rd</sup> class - 148 USD). See also <http://www.transsiberianexpress.net>

## **REGISTRATION AND CONFERENCE FEES**

### **Conference fee**

The conference fee is 150 € for ordinary participants and 80 € for students and accompanying persons covering scientific sessions, coffee breaks, 2 lunches on September 12-13, the abstract book and the guidebook for excursions, some other scientific materials, and city excursion in Ekaterinburg. The conference fees do not cover accommodation in Ekaterinburg and travel expenses.

### **Field trips:**

Pre-conference excursion to Olen'i Ruch'i – 88 € (transportation, lunch, and excursion)

Field trip to Southern Urals – 297 € (transportation, lunches, conference dinner, overnight stay in the hotel).

### **Payment details**

will be given in the 2nd circular

## **SUPPORTING FUNDS**

INQUA provides the possibility for limited financial support to the SEQS projects. The support concerns only (a part of) travel and accommodation costs and is primarily meant for young career scientists, MSc-students and researchers from countries with a low GDP. If you want to make use of this opportunity for the 2014 meeting in Ekaterinburg, please contact Dr. A. Borodin ([bor@ipae.uran.ru](mailto:bor@ipae.uran.ru)) or Dr. W.E. Westerhoff ([wim.westerhoff@tno.nl](mailto:wim.westerhoff@tno.nl)).

## REGISTRATION FORM

2014 annual meeting INQUA-SEQS in Ekaterinburg

**Topic of the meeting:** **The Quaternary of the Urals: Global trends and Pan-European Quaternary records**  
**Location of the meeting:** at the Ural Federal University, building N1 (Lenin Avenue, 51)  
**Date of the meeting:** 10-15 September 2014,

*Surname*

*First Names*

*Academic title*

*Institution*

*Department*

*Address*

*Post Code / City*

*Country*

*E-mail*

*Phone*

*Fax*

*Co-author(s)*

*Accompanying person(s)*

**Preliminary title of presentation (if any):**

**Presentation**

*Oral*

*Poster*

**I am interesting to take part in the field trip**

*Yes*

*No*

**Letter of invitation needed:**

*Yes*

*No*

**I would like to have a hotel reservation:**

*Yes*

*No*

*Please return this Registration form to the conference office*

Email: [ekb2014inqua@yandex.ru](mailto:ekb2014inqua@yandex.ru)

Tel./Fax: +7(343)2608256

Date

Signature