

Programme of the International Field Symposium
September 4 - 9, 2005

- 4 September (Sunday) 8.00 – 18.00 Arrival and registration in Geological Institute Kola Science Centre RAS, Fersman str.14.
17.00 Departure for the Russ' Hotel from Geological Institute.
18.40 Departure for the Russ' holiday inn from Apatity railway station
20.00 DINNER
- 5 September (Monday) 7.00-7.45 BREAKFAST
8.00 Departure for the field trip from the Russ' holiday inn
Lovozero area
Locality 1. Glacial landforms of N-W Lovozero Mountains
Korsakova O., Hättstrand C., Kolka V.
Stop 1. The flat plateau-like summit of Alluaiv Mountain (1051 m a.s.l.)
Locality 2. Late Glacial ice-marginal formations in Lovozero area
Yevzerov V., Korsakova O., Kolka V.
Stop 2. Marginal ridge to the north of Lovozero Mountains
Stop 3. Dump moraine ridge - the inner band of Revdozerskii marginal belt
LUNCH
Stop 4. Dump moraine ridge bordered with the push ridge - the inner band of Revdozerskii marginal belt.
Stop 5. Push moraine ridge - outer band of marginal belt of Revdozerskii marginal belt.
Stop 6. Push moraine ridge - outer band of Kandalakshskii marginal belt.
20.00 Arrival in the Russ' Hotel.
20.30 DINNER
- 6 September (Tuesday) 7.00 -7.45 BREAKFAST
8.00 Departure for the paper and poster session in Geological Institute RSC RAS from Russ' Hotel
8.45 -13.00 Paper session in the Conference Hall of Geological Institute KSC RAS.
13.00 -14.00 LUNCH in "Isovella" Hotel.
14.00 -18.00 Paper and poster session in the Conference Hall of Geological Institute KSC RAS.
18.00 Departure for Russ' Hotel.
19.30 DINNER
20.30 Business meeting of the Peribaltic Working Group
- 7 September (Wednesday). 7.00 – 7.45 BREAKFAST
8.00 Departure for the field trip from the Russ' Hotel
Chuna - Kolvitsa - Kandalaksha area.
Locality 3. Paleoseismic dislocations in the area of Imandra and Chunozero Lakes, central part of Kola region.
Nikolaeva S
Stop 7. Paleoseismic dislocation "Chuna"
Locality 4. Vilasselga marginal formations, SW Kola Peninsula.
Kolka V., Korsakova O., Zakharchenko E.

Stop 8. Glaciofluvial ridge in the valley of Kolvitsa River.

Stop 9. Quarry, opening the glaciofluvial ridge Vilasselga in the valley of Kolvitsa River.

LUNCH

Locality 5. Late Glacial and Holocene evolution of Kandalaksha Bay recorded in bottom sediment lithostratigraphy of raised coastal lakes and shoreline features.

Kolka V., Korsakova O.

Stop 10. Kandalaksha stone labyrinth

Stop 11. The Holocene coastal landforms on the slope of Krestovaja Mt.

Stop 12. Glaciofluvial and glacial forms on the slope of Krestovaja Mt.

19.00 Arrival in the Russ' Hotel.

19.30 DINNER

8 September
(Thursday)

7.00-7.45. BREAKFAST

8.00 Departure for the field trip from the Russ' Hotel.

Khibiny area.

Locality 6. Late Glacial landforms on Southern Khibiny Mountains and Prikhibinskaja plane.

Korsakova O., Hättestrand C., Kolka V.

Stop 13. The top of marginal moraine ridge in Malyi Vud'javr valley.

Stop 14. The aqueoglacial plain in valley with Malyi Vud'javr lake

Stop 15. Ice-marginal delta in Kukisjok through valley

LUNCH

Stop 16. Rasvumchorr Plateau, Centralny Mine of "APATIT Co".

Stop 17. The quarry striped sediments of glaciofluvial delta in southern piedmont of Khibiny Mountains.

18.00 Arrival in the Russ' Hotel.

19.00 FAREWELL PARTY.

9 September
(Friday)

8.00-8.45 BREAKFAST

9.00 Departure for excursion from Russ' Hotel

9.30-11.30 Excursion to the Museum of Geology and Mineralogy,
Geological Institute KSC RAS

11.30 -12.20 Departure from the railway station Apatity.

12.30 -13.30 LUNCH in "Isovella" Hotel

13.30 -16.00 Excursion to the Polar Alpine Botanical Garden and Institute

17.00 Arrival at the Geological Institute KSC RAS.

Paper and poster session
TUESDAY, September 6, 2005
Conference Hall, Geological Institute Kola Science Centre RAS

Please note: All lectures will have 15 minutes presentations followed by 5 minutes discussion

8.45

WELCOME

9.00 -10.40

QUATERNARY GEOLOGY AND LANDFORMING PROCESSES

CHAIR IRINA PAVLOVSKAJA

9.00 DYNAMICS, MORPHOGENESIS AND DEGLACIATION OF THE SCANDINAVIAN ICE SHEET: ON THE WAY OF A NEW PARADIGM
Albertas Bitinas

9.20 ICE SHEET DYNAMICS ON KOLA PENINSULA DURING LGM ICE BUILD UP AND SUBSEQUENT DEGLACIATION - INTERPRETATIONS FROM THE GLACIAL GEOMORPHOLOGICAL RECORD
Clas Hättestrand, Vasili V. Kolka, Chris D. Clark, Arjen P. Stroeven

9.40 DEEP BURIED VALLEYS IN THE NORTH SEA: A SPECTACULAR PRODUCT OF SUBGLACIAL MELTWATER EROSION?
Jan A. Piotrowski, Thomas B. Kristensen, Lena Klintu, Holger Lykke-Andersen, Ole R. Clausen, Mads Huuse

10.00 SUBGLACIAL DRAINAGE SYSTEM UNDER AN EAST-BALTIC WEICHSELIAN ICE STREAM: DISTRIBUTION OF ESKERS AND TUNNEL VALLEYS IN ESTONIA
Maris Rattas

10.20 GLACIOTECTONIC DEFORMATION AND MORPHOLOGICAL SETTING IN CENTRAL KURSA, LATVIA, WITH EMPHASIS ON DE GEER MORAINES
Vitālijs Zelčs, Ivars Strautnieks and Aivars Markots

10.40– 11.10

COFFE AND POSTERS

11.10-13.00

GLACIAL AND INTERGLACIAL SEDIMENTS AND LANDFORMS

CHAIR VITĀLIJS ZELČS

11.10 EARLY- AND MIDDLE-WEICHSELIAN DEPOSITS IN NORTHERN ESTONIA
Ene Kadastik

11.30 INTERTILLS SANDY DEPOSITS IN THE CHEŁMNO LAKELAND (POLAND)
Krystyna Kenig

11.50 SEDIMENTS AND LANDFORMS OF NORTH VIDZEME – EVIDENCE OF GLACIAL SURGES
Dainis Ozols

- 12.10 LATE PLEISTOCENE SEDIMENTARY SUCCESSIONS AND EVOLUTION OF THE MIDDLE NEMAN FLUVIAL SYSTEM

Irina E. Pavlovskaya

- 12.30 THE VISTULIAN SEDIMENTS IN THE MAZOVIAN LOWLAND AND THE CZĘSTOCHOWA, POLAND

Marcin Żarski

12.50 -14.00 LUNCH

14.00-15.40 **QUATERNARY GEOLOGY: HISTORY, STRATIGRAPHY, MAPPING**
CHAIR ALBERTAS BITINAS

- 14.00 A NEW LATE PLEISTOCENE SITE IN NORTH-EASTERN ESTONIA: PRELIMINARY PALYNO- AND CHRONOSTRATIGRAPHICAL RESULTS FROM THE VOKA SECTION

Anatoly N. Molodkov, Nataliya S. Bolikhovskaya

- 14.20 DATING WEICHSELIAN ICE ADVANCES IN POLAND: IS THERE EVIDENCE OF A WIDESPREAD ISOTOPE STAGE 4 GLACIATION?

Jan A. Piotrowski, Wojciech Wysota, Andrew Murray

- 14.40 THE MIDDLE WEICHSELIAN INTERSTADIAL: NEW OSL DATES FROM SOUTHWESTERN FINNISH LAPLAND

Pertti O. Sarala, Peter W. Johansson, Högne Jungner, Kari O. Eskola

- 14.40 THE MIDDLE WEICHSELIAN INTERSTADIAL: NEW OSL DATES FROM SOUTHWESTERN FINNISH LAPLAND

Pertti O. Sarala, Peter W. Johansson, Högne Jungner, Kari O. Eskola

- 15.00 THE PALEOGLACIOLOGIC MAPPING (KOLA PENINSULA)

Ljudmila Semenova

- 15.20 GLACIOTECTONIC DATABASE AND MAP OF LATVIA

Vitālijs Zelčs and Jānis Dzelzītis

15.40-16.00 **COFFE AND POSTERS**

16.00 -18.00 **POSTER SESSION AND DISCUSSION**

CHAIR JAN PIOTROWSKI

SEDIMENT-LANDFORM ASSOCIATIONS AT THE SOUTHERN MARGIN OF THE SCANDINAVIAN ICE SHEET, SOUTH SWEDISH UPLAND

Helena Alexanderson

GLACIOTECTONIC MAP OF CENTRAL EUROPE IN SCALE 1 : 1 750 000

Andrzej Ber

WAS EEMIAN LAKELAND PRESENT OUTSIDE THE MAXIMUM EXTENT OF
VISTULIAN GLACIATION IN CENTRAL-EASTERN PART OF POLAND

Małgorzata Bruj, Krzysztof Michał Krupiński

POPULARIZATION OF QUATERNARY GEOLOGY IN LITHUANIA

Alma Grigienė, Asta Jusienė

A GLACIAL GEOMORPHOLOGICAL MAP OF KOLA PENINSULA AND ADJACENT
AREAS IN MURMANSK REGION, RUSSIA

Clas Hättstrand and Chris D. Clark

GLACIOHYDROLOGICAL INDICATORS OF DEGLACIATION ON THE
PYHÄTUNTURI MOUNTAIN, FINNISH LAPLAND

Peter Johansson

DIRECTIONAL AND STRUCTURAL ANALYSIS OF DIAPIR-LIKE STRUCTURES AT
ULMALE SITE, WESTERN LATVIA

Andis Kalvāns, Tomas Saks

INVESTIGATION POSSIBILITIES OF EOLIAN DEPOSITS AND PROCESSES ON THE
TERRITORY OF LITHUANIA USING LARGE SCALE AERIAL PHOTOGRAPHY

Bronislavas Karmaza

AGE OF THE NEMUNAS RIVER TERRACES IN THE ENVIRONS OF KAUNAS
ACCORDING TO THE DATA OF GEOCHRONOLOGICAL INVESTIGATIONS

Danguolė Karmazienė

GIS-TECHNOLOGIES IN STRUCTURAL-GEOMORPHOLOGICAL ANALYSIS OF
THE BELARUSIAN POOZERYE AREA

Dzmitry M. Kurlovich

STORM EFFECTS ON THE OPEN BALTIC EXPOSED COASTAL RELIEF OF LATVIA

Jānis Lapinskis and Guntis Eberhards

SUITABILITY OF PRIMARY AND SECONDARY COLOUR METHODS IN MORaine
STRATIGRAPHY

Ilze Luse

HOLOCENE PALEOENVIRONMENTS OF THE CENTRAL KOLA PENINSULA,
RUSSIA, AS INFERRED FROM RADIOCARBON, DIATOM AND PALINOLOGICAL
DATA

Olga S. Olyunina, Fedor A. Romanenko, Natalia E. Zaretskaia, Maria V. Tsekina, Inessa A. Karevskaia

THE DEVELOPMENT OF QUATERNARY DEPOSITS IN THE TYRNÄVÄ REGION OF
NORTHERN FINLAND

Jouni Pihlaja and Jukka Räisänen

LAKE SEDIMENT COMPOSITION CHANGES DURING THE LAST 700 YEARS

Leili Saarse, Eve Niinemets.

INTERPRETATION OF QUARERNARY GEOLOGY PROCESSES IN THE NEW
EXPOSITION OF NATURAL HISTORY MUSEUM OF LATVIA

Anita Saulite

ENVIRONMENTAL CHANGES AND EUTROPHICATION FROM SEDIMENT
RECORDS IN TWO LAKES OF SOUTH LITHUANIA

Vaida Seiriene, Jurate Kasperoviciene, Jonas Mazeika, Meilute Kabailiene

STRATIGRAPHY AND SEDIMENTOLOGY OF PLEISTOCENE DEPOSITS AT THE
WAPIENNO QUARRY, NW POLAND

Robert J. Sokolowski

SUBGLACIAL PROCESSES AND THE LAST SCANDINAVIAN ICE SHEET
DYNAMICS AS INTERPRETED FROM BASAL TILLS IN THE LOWER VISTULA
(WEICHSEL) VALLEY, N POLAND

Wojciech Wysota

DEGLACIATION OF KOLA REGION DURING THE LAST PLEISTOCENE AND
HOLOCENE

Vladimir Ya.Yevzerov

Please note: Each poster will be of 5 minutes presentation.