

RUSSIAN ACADEMY OF SCIENCES
INSTITUTE FOR THE HISTORY OF MATERIAL CULTURE
STATE HERMITAGE MUSEUM
SAMARA STATE UNIVERSITY OF SOCIAL SCIENCES AND EDUCATION
SERGIEV POSADE STATE HISTORY AND ART MUSEUM PRESERVE



International conference

SUSTINENCE STRATEGIES IN THE STONE AGE,
DIRECT AND INDIRECT EVIDENCE
OF FISHING AND GATHERING

15–18 May 2018

ST PETERSBURG
2018

International conference
SUBSISTENCE STRATEGIES IN THE STONE AGE,
DIRECT AND INDIRECT EVIDENCE
OF FISHING AND GATHERING



Dedicated to the 50th anniversary of
Vladimir Mikhailovich
LOZOVSKI
(1968–2015)

15–18 MAY 2018,
St Petersburg

The conference is held with financial support
of the Russian Foundation for Basic Research No 18-09-20015g

PROGRAMME OF THE CONFERENCE

15 May

Institute for the History of Material Culture Russian Academy of Sciences (IHMC RAS)
(18 Dvortsovaya Embankment, St Petersburg)

8:30–9:00

Registration

Conference opening

9:00–9:10

Welcome speech. Director of IHMC RAS Prof. Vladimir Lapshin

9:10–9:20

Welcome speech. Head of Palaeolithic Department of IHMC RAS Prof. Sergei Vasiliev

Morning session

9:20–13:00

Chair: Sergei Vasiliev, secretary: Irina Khrustaleva

Session marking the 50th anniversary of Vladimir Mikhailovich LOZOVSKI

9:20–9:40

Olga Lozovskaya (IHMC RAS, St Petersburg, SPHAMP, Sergiev Posad), Eugeny Zalmanov
(Russian Museum, St Petersburg)

Vladimir Lozovski and researches of site Zamostje 2

9:40–10:00

Vladimir Vishnevsky, Tatiana Novoselova (SPHAMP)

Vladimir Lozovski in the Sergiev Posad Museum (documentary)

**Session “Settlement location and structure as a reflection of economic strategy.
Role of hunting and fishing in different landscapes (based on faunal remains)”**

10:00–10:20

Asja Engovatova (Institute of Archaeology RAS, Moscow)

**Neolithic of the forest zone of the Eastern-European Plain (actual
problems)**

10:20–10:40

Knut Andreas Bergsvik (University of Bergen, Norway), Kenneth Ritchie (Moesgaard
Museum, Denmark; CBSA, Germany)

Mesolithic fishing in western Norway

10:40–11:00

Coffee break

11:00–11:20

Adam Boethius, Björn Nilsson (Lund University, Sweden)

**Implications of Early Holocene mass consumption of fish
and changes in aquatic biodiversity in southern Scandinavia**

11:20–11:40

Anton Murashkin (St Petersburg University), Eugeny Kolpakov (IHMC RAS, St Petersburg), Alevtina Kiseleva (St Petersburg University)

Sea hunting and fishing on the coast of North Fennoscandia to the turn of the Era (planigraphy, faunistic remains, inventory)

11:40–12:00

Kenneth Ritchie (Moesgaard Museum, Denmark; CBSA, Germany), Harald Lübke, Ulrich Schmölcke, John Meadows, Valdis Bērziņš, Mārcis Kalniņš, Ute Brinker, Aija Ceriņa, Mudite Rudzīte (CBSA, Germany, University of Latvia)

The freshwater shellmidden at Riņņukalns: Stone Age fishermen in the eastern Baltic region

12:00–12:20

Igor Ezepenko (IH NAS Belarus)

Topography of Neolithic settlements and planigraphy of the economic objects in the Streshinskaya lowland of the Upper Dnieper region

12:20 –12:40

Olga Lozovskaya (IHMC RAS, St Petersburg, SPHAMP, Sergiev Posad), Vladimir Lozovski†, Ignacio Clemente-Conte (IMF CSIC, Spain), Andrei Mazurkevich, Ekaterina Dolbunova (State Hermitage, St Petersburg), Ermengol Gassiot (UAB, Spain), Marianna Kulkova (HSPU, St Petersburg), Ekaterina Ershova (MSU, Moscow)

Site Zamostje 2 – a place of hunting or fishing?

12:40–13:00

Discussion

13:00–14:00

Break

Evening session

14:00–18:20

Chair: Vadim Mosin, secretary: Alexander Bessudnov

14:00–14:20

Vesna Dimitrijević, Dušan Mihailović (University of Belgrade, Serbia), Steven Kuhn (University of Arizona, USA), Tamara Dogandžić (Max Planck IEA, Germany)

Evidences for subsistence strategies of Gravettian hunter-gatherers in the Central Balkans

14:20–14:40

Dragana Filipović (University of Kiel, Germany, IBS SASA, Serbia), Ivana Živaljević (University of Novi Sad, Serbia), Vesna Dimitrijević (University of Belgrade, Serbia)

Food procurement and sustenance in the Mesolithic Iron Gates, southeastern Europe

14:40–15:00

Mihaela Savu (University of Kiel, Germany)

All is fish that comes to the net. The exploitation of aquatic resources in the Lower Danube Valley during the 5th millennium BC

15:00–15:20

Katarina Botić (Institute of Archaeology, Croatia)

Wild game in the early Neolithic diet – supplement or the survival strategy? Some examples from the north Croatian Starčevo culture sites

15:20–15:40

Ekaterina Dolbunova (State Hermitage, St Petersburg), Andrei Tsybrij, Victor Tsybrij (DAS, Rostov-on-Don), Andrei Mazurkevich (State Hermitage, St Petersburg), Michael Sablin (ZI RAS, St Petersburg), Mirosława Zabilska-Kunek (Rzeszow University, Poland), Jacek Szmanda (Krakow University, Poland), Piotr Kittel (Lodz University, Poland), Elona Lyashkevich (IH NAS Belarus), Manon Bondetti, Oliver E. Craig (York University, United Kingdom)

Subsistence strategies in the early Neolithic on the site Rakushechny Yar (7th – 6th millennia BC)

15:40–16:00

Tatyana Grechkina (“Nasledie”, Astrakhan), Alexander Vybornov (SSUSSE, Samara), Yury Lebedev (“Nasledie”, Astrakhan)

The Baibek site: place selection, settlement structure, and relation of hunting and fishing

16:00–16:20

Coffee break

16:20–16:40

Poster presentations

Vladimir Shumkin, Eugeny Kolpakov (IHMC RAS, St Petersburg)

Microtopography of the settlements in Northern Fennoscandia 8th – 2nd millennia BC

Tatyana Trubetskaya (ILLH KRC RAS, Petrozavodsk)

Specificity of the location and structure of settlements of the Neolithic – Early Karelian Eneolithic periods (based on the settlement Vigaynavolok I)

Elena Kalechits (IH NAS Belarus)

Peopling of different ecological niches by the first settlers of Belorussian Polesie

Galina Sinitsyna (IHMC RAS, St Petersburg)

Indirect evidence of fishing in the Early Neolithic Valdai culture

Oleg Voronenko (IH NAS Belarus)

Mesolithic settlements in the lower part of the Berezina River (Dneprovskaya)

Eugenia Lychagina, Denis Demakov (PSHPU, Perm), Natalia Zaretskaya (GI RAS, Moscow), Alexei Chernov (Moscow University)

Neolithic sites location features in the Upper and Middle Kama basin: raw material preferences

16:40–17:00

Eugenia Yanish (IZ NAS of Ukraine), Roman Smolianinov (LSPU, Lipetsk), Sergei Shemenev, Andrey Zheludkov ("Archaeologist", Lipetsk), Alexander Bessudnov, Elizaveta Yurkina (LSPU, Lipetsk)

Evidence of hunting and fishing in the materials of the Chalcolithic settlement and burial site Vasil'evskij Cordon 27 according to the analysis of archaeozoological material

17:00–17:20

Andrei Skorobogatov ("Terra", Voronezh), Eugenia Yanish (IZ NAS of Ukraine), Alexander Alexandrovsky (IG RAS, Moscow)

Neolithic site Cherkasskaya 5 in the Middle course of the Don River: Relation between hunting and fishing according to faunal remains

17:20–17:40

Arkady Korolev, Natalia Rosliakova (SSUSSE, Samara), Eugenia Yanish (IZ NAS of Ukraine), Anton Shalapinin (SSUSSE, Samara)

Hunting and fishing in the forest-steppe Zavolzhje in the Eneolithic: results of a comprehensive research of the settlement Lebyzhinka VI

17:40–18:00

Vladimir Sidorov (IA RAS, Moscow)

Informative potential of kitchen heaps and storage pits

18:00–18:20

Discussion

18:30

Cocktail in the Central Asia Department of IHMC RAS

16 May

The State Hermitage Museum, Staraya Derevnya Restoration, Conservation and Storage Centre (37 Zausadebnaya Str.)

Morning session

9:00–13:00

Chair: Yury Serikov, secretary: Konstantin Andreev

9:00–9:20

Dmitry Enshin (IPND TSC SB RAS, Tyumen)

Early Neolithic settlement of hunters and fishers on Lake Mergen (Western Siberia)

9:20–9:40

Victor Zakh (TSC SB RAS, Tyumen)

Fishing of the ancient population of the Tobol-Ishim interflow (on materials of Andreevskoje and Mergen Lake systems)

9:40–10:00

Daniil Tupakhin (ARC YNAD, Salekhard)

Fisheries in the Eneolithic in the territory of the Lower Oba region (based on the materials from site Gorniy Samotnel I)

10:00–10:20

Michael Konstantinov (Transbaikal State University, Chita)

Ancient fishing in the Baikal region

10:20–10:40

Henny Piezonka (University of Kiel, Germany), Olga Poshekhonova, Vladimir Adaev (IPND TSC SB RAS, Tyumen)

Ethnoarchaeological investigations on the interrelation of mobility, economy and settlement structure at the Northern Sel'kup, Taz region, Western Siberia

10:40–11:00

Coffee break

11:00–11:20

Aboualhassan Bakry (Cairo University, Egypt)

Fishing in Late Paleolithic Egypt

11:20–11:40

Poster presentations

Vadim Mosin, Ekaterina Yakovleva (IHA, Urals Branch of RAS, Cheliabinsk)

Dynamics of development of Neolithic-Eneolithic settlements in the forest-steppe Zauralye

Michael Zhilin (IA RAS, Moscow), Svetlana Savchenko (Sverdlovsk Regional Museum, Ekaterinburg)

Fishery in the Mesolithic of the Trans-Urals (based on peat-bog sites)

Alla Glavenchuk (OAM NAS Ukraine)

Life support of the inhabitants of the late Paleolithic settlements of Anetovka 2 (direct and indirect data)

Igor Pistruil (OAM NAS Ukraine)

Life support strategy and the problem of neolithisation in the North-Western Black Sea area steppes

Valery Manko (IA NAS Ukraine)

Place selection and settlement structure as a reflection of economic strategy and land use relations

11:40–13:00

Excursion to exhibitions in the Staraya Derevnya Restoration, Conservation and Storage Centre of the State Hermitage Museum

13:00–14:00

Break

Evening session

14:00–18:20

Chair: Henny Piezonka, secretary: Alisa Larionova

Session “Evidence of gathering in the Paleolithic”

14:00–14:20

Vyacheslav Schchelinsky (IHMC RAS, St Petersburg)

Some evidence of water food resources’ use in the Early Paleolithic

14:20–14:40

Natalia Skakun (IHMC RAS, St Petersburg), Natalia Leonova (Moscow University), Laura Longo (DMNTU, Singapore), Vera Terekhina (IHMC RAS, St Petersburg), Irina Pantiukhina (FEG I RAS, Vladivostok), M. V. Eltzov (IPCBPSS RAS, Pushchino), E. A. Vinogradova (Moscow University)

Preliminary results of a comprehensive analysis of rubbing tile from the Upper Paleolithic site of Kamennaja Balka 2

14:40–15:00

Ksenia Stepanova (IHMC RAS, St Petersburg)

Paleolithic grinding stone as archaeological source in substantiating “complicated gathering”

15:00–15:20

Elena Leonova, Olesia Uspenskaya (IA RAS, Moscow)

Evidence of collecting at the end of the Upper Paleolithic and Mesolithic of the North-Western Caucasus (based on materials from the cave Dvoynaya and the canopy Chygai)

15:20–15:40

Discussion

15:40–16:00

Coffee break

Session “Fishing equipment and tools for gathering: based on the typology and traceology data.

Fixed and mobile fishing constructions from organic materials”

16:00–16:20

Niccolò Mazzucco (UMR 7055, France), Ignacio Clemente Conte (IMF CSIC, Spain), Virginia García Díaz (Leiden University, Netherlands), Joaquina Soares, Carlos Tavares da Silva (University of Lisbon, Portugal), José Ramos Muñoz, Eduardo Vijande Vila (Universidad de Cádiz, Spain)

Insights into fish resources exploitation from the use-wear analysis of lithic tools: case-studies from the Iberian Peninsula between the 6th – 3rd millennia cal BC

16:20–16:40

David Cuenca-Solana (Universidad de Cantabria, Spain), Ignacio Clemente Conte (IMF CSIC, Spain), Igor Gutiérrez-Zugasti, Manuel González-Morales (Universidad de Cantabria, Spain)

Shellfishing tools? Asturian picks from Mazaculos II (Asturias, northern Spain)

16:40–17:00

Svetlana Skochina (IPND TSC SB RAS, Tyumen)

Fishing and fishing equipment in the Early Neolithic in the forest-steppe Ishim River basin

17:00–17:20

Anna Maliutina (IHMC RAS, St Petersburg), Anton Murashkin, Alevtina Kiseleva (St Petersburg University)

Commercial bone and horn implements of the Kola Peninsula: typology, technology, tracology

17:20–17:40

Poster presentations

Galina Poplevko (IHMC RAS, St Petersburg), Tatyana Grechkina (“Nasledie”, Astrakhan)
Use-wear analysis of microtools from Baibek site (the Lower Volga region)

Natalia Skakun (IHMC RAS, St Petersburg), Hugues Plisson (University of Bordeaux, Bordeaux, France), Michael Zhilin (IA RAS, Moscow), Vera Terekhina (IHMC RAS, St Petersburg), Dmitry Shulga, T. Bostanova (Donish IHAE AS of Tajikistan)

Knives for cutting grass of ancient hunters and fishermen

Stanislav Kovalenko (CPHCH AS, Blagoveshchensk)

Tip of the harpoon of the non-rotating type from the territory of the Western Amur region (based on materials from the Late Neolithic settlement Osinovo Lake, 1962)

Natalia Tsvetkova (RME, St Petersburg)

Fishing tools in the Early Neolithic of the Upper Volga

Artur Chubur (Bryansk University)

Again about the “mammoth gathering” of Eastern Europe: new facts, versions, and interpretations

17:40–18:00

Discussion

17 May

The State Hermitage Museum, Staraya Derevnya Restoration,
Conservation and Storage Centre (37 Zausadebnaya Str.)

Morning session

9:20–13:00

Chair: Alexander Vybornov, secretary: Evgeny Tkatch

9:20–9:40

Marina Nesterova, Vyacheslav Molodin (IAE SB RAS, Novosibirsk)

**Methods of fish preparation and conservation
based on the materials of the Neolithic complex of the Tartas 1 site
(Barabinsk forest-steppe, 7th millennium BC)**

9:40–10:00

Eugenia Lychagina, Alexei Sarapulov (PSHPU, Perm), Evgeny Mitroshin
(PFRC UB RAS, Perm)

**Fishing equipment in archaeological materials
of the Chashkinskoe Lake microregion**

10:00–10:20

Maxim Charniauski (IH NAS Belarus), Anna Maliutina (IHMC RAS, St Petersburg),
Elona Liashkevich (IH NAS Belarus)

**Fishing on the Krivinsky peat bog. Based on materials
from the Asavets 2 settlement site (2008–2017)**

10:20–10:40

Nadezhda Nedomolkina (VSMReserve, Vologda), Henny Piezonka
(University of Kiel, Germany)

**Fishing in the Neolithic – Eneolithic periods on the Upper Sukhona
(based on the materials of the settlement Voksa 3)**

10:40–11:00

Coffee break

11:00–11:20

Harry Robson (York University, United Kingdom), Kenneth Ritchie
(Moesgaard Museum, Denmark; CBSA, Germany)

Prehistoric fishing in Southern Scandinavia

11:20–11:40

Ekaterina Kashina (SHM, Moscow), Alexander Emelianov (Podolie, Podolsk), Olga Krylovich
(IEE RAS, Moscow), Igor Askeev (IPEMWU TAS, Kazan)

Small fish in the catch of fishermen of the Volosovo culture

11:40–12:00

Sergei Gapochka (VSPU, Voronezh)

**Fisheries and gathering as the most important factors
of life support for the population of the Middle Don Neolithic culture
(based on the sites on the River Bitug)**

12:00–12:20

Eugenia Yanish (IZ NAS of Ukraine)

**Net fishing in the Middle Don basin during the Neolithic period
(on the materials of the Cherkasskaya 5 site)**

12:20–12:40

Yury Serikov (RSPPU, Nizhniy Tagil)

The functional purpose of the so-called harpoons

12:40–13:00

Ignacio Clemente Conte, Juan José Ibáñez Estévez, Juan Francisco Gibaja Bao
(IMF CSIC, Spain), Niccolò Mazzucco (UMR 7055, France), Xavier Terradas Batlle,
Millan Mozota Holgueras, F. Borrel (IMF CSIC, Spain)

Cereal use-wear traces and harvesting methods

13:00–14:00

Break

Evening session

14:00–18:20

Chair: Ignacio Clemente Conte, secretary: Anna Maliutina

14:00–14:20

Satu Koivisto (University of Helsinki, Finland)

Fishing with stationary wooden structures in (Sub-)Neolithic Finland

14:20–14:40

Tatiana Gusentsova (SRICNHeritage, St Petersburg), Piotr Sorokin (IHMC RAS,
St Petersburg)

**Fishing equipment and inventory of the Neolithic – Early Metal sites
in the Neva and South Ladoga region**

14:40–15:00

Natalia Kosorukova (ChSU, Cherepovets)

Fishing equipment of the Karavaikha 4 site in the Vozhe Lake basin

15:00–15:20

Marina Ivanishtcheva (East Onega region archaeological expedition, Vologda), Elizaveta
Ivanishtcheva (VSU, Vologda)

**Archaeological objects and fishing tools of the Stone Age settlements
on Tudosero in the South of the Onega Lake basin**

15:20–15:40

Elena Kostyleva (IvSU, Ivanovo), Aija Macane (University of Gothenburg, Sweden)

**Fishing tools from the ritual “treasures” of the Volosovo culture
from the Sakhtysh II site**

15:40–16:00

Discussion

16:00–16:20

Coffee break

Session “Fishing and gathering in Prehistoric art”

16:20–16:40

Florence Bouvry (ARSCAN UMR 7041, Nanterre, France)

What do we learn from the narrative scenes painted and engraved on the hunters-fishermen from the end of the Mesolithic to the Neolithic in Europe

16:40–17:00

Eugeny Kolpakov, Vladimir Shumkin (IHMC RAS, St Petersburg)

Economic activities reflected in the petroglyphs of Scandinavia

17:00–17:20

Gennady Khlopachev (MAE RAS, St Petersburg)

Ichthyofauna and images of fish from the Upper Paleolithic sites of the Desna River

17:20–17:40

Discussion

18 May

Institute for the History of Material Culture Russian Academy of Sciences
(18 Dvortsovaya Embankment, St Petersburg)

Morning session

9:20–13:00

Chair: Oliver E. Craig, secretary: Ksenia Stepanova

Session “Storage and cooking. Diet in the Stone Age through natural science research. Food residues and seeds of edible plants in archaeological layers”

9:20–9:40

Mihael Budja (University of Ljubljana, Slovenia)

Evolutionary models in archaeology: agriculture, ceramic pots and milk consumption in the contexts

9:40–10:00

Carmen María Martínez-Varea, Ernestina Badal García (Universitat de València, Spain)

Food and raw material. Use of plants during the Upper Palaeolithic in Cova de les Cendres (Alicante, Spain)

10:00–10:20

Marian Berihuete Azorín (University of Hohenheim, Germany), Amaia Arranz Otaegui (University of Copenhagen, Denmark), Inés L. López-Dóriga (Wessex Archaeology, UK)

Prehistoric plant underground storage structures in Europe

10:20–10:40

Mindaugas Griškėdis (Vilnius University, Lithuania), Endo Eiko (Meiji University, Japan), Giedre Motuzaitė Matuzevičiute (Lithuanian Institute of History, Lithuania), Mikola Kryvaltsevich, Maryia Tkachova (IH NAS of Belarus)

Plants in pots: SEM research of ceramic silicon casts from the Prypiat River basin

10:40–11:00

Coffee break

11:00–11:20

Manon Bondetti, Sofia Chirkova (York University, UK), Olga Lozovskaya (IHMC RAS, St Petersburg), Alexandre Lucquin (York University, UK), John Meadows (CBSA, University of Kiel, Germany), Oliver E. Craig (York University, UK)

The function of early ceramic container and subsistence strategies in Zamostje 2, Central Russia, during the early Holocene

11:20–11:40

Alexandre Lucquin (York University, UK), Blandine Courel (British Museum, UK), Ekaterina Dolbunova (State Hermitage, St Petersburg), Henny Piezonka (University of Kiel, Germany), John Meadows (CBSA, University of Kiel, Germany), Oliver E. Craig (York University, UK), Carl Heron (British Museum, UK)

What is for dinner tonight? Research on the innovation, dispersal and use of hunter-gatherer pottery in NE Europe (INDUCE)

11:40–12:00

Alexander Vybornov (SSUSSE, Samara), Pavel Kosintsev (IPAE UB RAS, Ekaterinburg), Marianna Kulkova (HSPU, St Petersburg), Vladimir Platonov (SNRU, Samara), Natalia Rosliakova (SSUSSE, Samara), Bente Philippsen (University of Aarhus, Denmark), A. Yudin (RCRCH, Saratov)

The diet of the Lower Volga region Neolithic population

12:00–12:20

John Meadows (CBSA, University of Kiel, Germany), Olga Lozovskaya (IHMC RAS, St Petersburg), Vyacheslav Moiseyev (MAE RAS, St Petersburg)

Interpreting Mesolithic human remains from Zamostje 2

12:20–12:40

Alisa Zubova, Vyacheslav Moiseev (MAE RAS, St Petersburg), Alexander Kulkov (SPbSU, St Petersburg)

Results of odontological investigations from the Zamostje 2 settlement

12:40–13:00

Discussion

13:00–14:00

Break

Evening session

14:00–18:20

Chair: Andrei Mazurkevich, secretary: Tatyana Novoselova

14:00–14:20

Marian Berihuete Azorín (University of Hohenheim, Germany), Raquel Piqué, J. Girbal (Universitat Autònoma de Barcelona, Spain), Antony Palomo (Museum d'Arqueologia de Catalunya, Spain), Xavier Terradas (IMF CSIC, Spain)

Fungi for tinder at the Neolithic site of La Draga (NE Iberia)

14:20–14:40

Harry K. Robson (York University, UK), Ester Oras (University of Tartu, Estonia), Sönke Hartz (CBSA, Germany), Jacek Kabaciński (IAE PAS, Poland), Søren H. Andersen (Moesgård Museum, Denmark), Gytis Piličiauskas (Lithuanian Institute of History, Lithuania), W. Gumiński (University of Warszawa, Poland), Alexandre Lucquin (York University, UK), Laura Thielen (Universität Hamburg, Germany), Andreas Akotula (Erfurt, Germany), Agnieszka Czekał-Zastawny (IAE PAN, Poland), Oliver E. Craig (York University, UK), Carl Heron (British Museum, UK)

Illuminating the prehistory of Northern Europe:

organic residue analysis of lamps

14:40–15:00

Marianna Kulkova (HSPU, St Petersburg), Alexander Kulkov (SPbSU, St Petersburg), Olga Lozovskaya (IHMC RAS, St Petersburg)

A comprehensive analysis of the wood piles from the Neolithic layers

on Zamostje 2 site

15:00–15:20

Aija Macane (University of Gothenburg, Sweden), Kerkko Nordqvist (University of Helsinki, Finland), Elena Kostyleva (IvSU, Ivanovo)

New analyses of foodcrusts from the Sakhtysh complex, Upper Volga region

15:20–15:40

Poster presentations

Laura J. Crawford (Ohio State University, USA)

Woody fuel use at Kostenki 1

Corinna Rössner, Katleen Dtckers (University of Tübingen, Germany), Marion Benz (Albert-Ludwigs-University, Freiburg), Vecihi Özkaya (Dicle University, Turkey), Simone Riehl (University of Tübingen, Germany)

Subsistence strategies and vegetation development

at aceramic Neolithic Körtek Tepe, Southeastern Anatolia

Galina Levkovskaya (IHMC RAS, St Petersburg), L. Kartseva, E. Chavchavadze (Botanical Institute RAS, St Petersburg), Vasily Liubun, Elena Beliaeva, Sergei Lisitsyn, Alexei Artiushenko (IHMC RAS, St Petersburg), A. Bogoliubova (Botanical Institute RAS, St Petersburg)

Obtaining information on the objects of stone age

plant gathering using SEM (data on Monasheskaya, Barakayevskaya, Kostenki 1/I, Borshchevo 5 and Atapuerca sites)

Natalia Vasileva (State Hermitage, St Petersburg)

Field conservation of waterlogged organic archaeological finds of the pile-dwelling site Serteya II

15:40–16:00

Discussion

16:00–16:30

Final discussion

16:30

Conference closing

ГОСУДАРСТВЕННЫЙ
ЭРМИТАЖ
The State Hermitage Museum

Отпечатано в типографии
Государственного Эрмитажа.
Заказ 28. Тираж 50 экз. 03.05.2018