



**Baikal Archaeology Project Workshop**  
*Individual life histories in long-term culture change: Holocene hunter-gatherers in Northern Eurasia*

**Riga, Latvia, September 8–10, 2022**

**Sponsor:**

Social Sciences and Humanities Research Council of Canada  
Partnership Grant, award No. 895-2018-1004

**Hosts:**

Dr. Ilga Zagorska and Dr. Gunita Zarina, University of Latvia

**Workshop Location:**

8<sup>th</sup> Floor Conference Room  
Latvijas Universitātes Zinātņu māja (University of Latvia House of Science)  
Address: Jelgavas iela 3, Riga

**Accommodations:**

Radisson Blu Ridzene  
Address: Reimersa Street 1, Riga, LV-1050, Latvia  
<https://www.radissonhotels.com/en-us/hotels/radisson-blu-riga-ridzene>  
Telephone: + (371) 6709 3333  
Email: [info.ridzene.riga@radissonblu.com](mailto:info.ridzene.riga@radissonblu.com)

**Workshop Agenda**

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**Wednesday, September 7: Arrival**

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**Day 1, Thursday, September 8**

**Research Team/Staff:** Czermak, Jessup, Lieverse, Scharlotta, Schulting, Tarasov, Temple, Weber, Zagorska, Zarina

**Advisory Board:** O'Shea, Oxenham, Rowley-Conwy

**Invited Guests:** Mannermaa, Meadows, Pouncett, Snoeck, Wang, White

**Graduate Students:** Eckelmann, Griffith, Hyland, Kalniņš, Kobe, Krikunova, Laughton, Macāne, Macleod, Plankājs, Rinker, Werens

*7:00 Breakfast at Radisson Blu Ridzene Hotel*

*8:30 Shuttle departs Radisson Blu Ridzene Hotel*

**9:00 Welcome by A. Weber**

**9:15 Keynote Lecture by P. Rowley-Conwy:** Hunting the biggest beasts: aurochs and elk in Terminal Palaeolithic and Mesolithic Europe.

*10:30 Coffee Break (all breaks and lunches are next door in the 8th floor kitchen room)*

**11:00 Business Meeting 1: General matters**

**BAP research team, Advisory Board, and graduate students only.**

- A. Weber: Executive summary
- A. Hiob: Financial summary
- E. Jessup: Research collections, samples, and laboratory analyses
- R. Schulting: An update on research activities in Karelia at Latvia
- Other business: Future workshops, graduate students etc.

*12:00 Lunch on site*

**13:00 Research Session 1: Bioarchaeology and Genetics, Chair A. Lieveise, 4 papers**

- 13:00 R. Macleod: Ancient genomics of prehistoric hunter-gatherers at Lake Baikal: an update  
13:20 A. Lieveise, R. Schulting, C. Bronk Ramsey, V.I. Bazaliiskii, A.V. Kharinskii, A. Weber:  
Violence at Shamanka II: differential diagnosis of a probable massacre  
13:40 L. Michelman: Harris lines as indicators of physiological stress in the Middle Holocene Cis-Baikal. Presented by A. Lieveise  
14:00 J. Laughton: Bite Into This: Interproximal wear facets in middle-Holocene hunter-gatherers  
14:20 General discussion

*14:40 Coffee Break*

**15:00 Research Session 2: Paleoenvironment, Chair: P. Tarasov, 5 papers**

- 15:00 F. Kobe: Lake Ochaul sedimentary archive of past environments in the Upper Lena Region  
15:20 Y. Wang: aDNA analysis of the Lateglacial and Holocene sediment from Lake Ochaul  
15:40 A. Krikunova: First results of the pollen analysis of the Lateglacial and Holocene sediments from Razlomnoe Peat (Lake Onega) and Lake Kamenistoe (Kola Peninsula) in NW Russia  
16:00 D. Miles, N. Loader, C. Bronk Ramsey, V.A. Oskolkov V.A., R.A. Moritz, Ineshin E.M., A.W. Weber: Report on dendrochronological research in Cis-Baikal  
16:20 P. Tarasov: Palaeoenvironmental research: current progress and future perspectives  
16:40 General discussion

*17:15 Shuttle pickup or walk to the hotel. No group dinner, everyone is free to do as they wish.*

[Click here for walking directions from Hotel to Workshop Venue](#)

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## **Day 2, Friday, September 9**

**Research Team/Staff:** Czermak, Jessup, Lieveise, Scharlotta, Schulting, Tarasov, Temple, Weber, Zagorska, Zarina

**Advisory Board:** O'Shea, Oxenham, Rowley-Conwy

**Invited Guests:** Mannermaa, Meadows, Pouncett, Snoeck, Wang, White

**Graduate Students:** Eckelmann, Griffith, Hyland, Kalniņš, Kobe, Krikunova, Laughton, Macāne, Macleod, Plankājs, Rinker, Werens

7:00 Breakfast at Radisson Blu Ridzene Hotel

8:30 Shuttle departs Radisson Blu Ridzene Hotel

**9:00 Research Session 3: Biochemistry, Chair R. Schulting, 7 papers**

9:00 I. Scharlotta: Interpersonal variability in individual dietary life histories at Shamanka II, Cis-Baikal, Siberia

9:20 K. Werens: Understanding human inter-regional mobility in the Upper Lena and Little Sea through strontium ( $^{87}\text{Sr}/^{86}\text{Sr}$ ) and oxygen ( $\delta^{18}\text{O}$ ) isotopic mapping

9:40 R. Eckelmann: Sequential dentine analysis of individuals from Yuzhnyi Olenii Ostrov

10:00 A. Czermak: New methods for sequential dentine analysis and preliminary results from Fofanovo

10:20 Coffee Break

10:40 R. Schulting: Investigating hunter-gatherer lifeways through sequential dentine results from Zvejnieki

11:00 R. Schulting: Millet as a weaning food by pastoralists at Uliarba, an Early Iron Age cemetery in the Little Sea

11:20 J. Griffith, C. Snoeck: Reconstructing life histories using serial carbon, oxygen, and strontium isotope variation in human dental enamel

11:40 General discussion

12:00 Lunch on site

**13:00 Research Session 4: Archaeology and Chronology, Chair A. Weber, 8 papers**

13:00 A. Weber: Evolutionary chronologies and the prehistory of Cis-Baikal Middle Holocene hunter-gatherers

13:20 C. Hyland: Permafrost melt as the driver of archaeological and modern freshwater reservoir effect

13:40 J. Meadows: Radiocarbon reservoir effects in Lake Burtnieks and dietary reservoir effect correction for prehistoric human remains from Zvejnieki

14:00 V.I. Bazaliiskii, N. Kasprishina: Archaeological excavations on the Upper Lena, summer 2021. Presented by A. Weber and E. Jessup

14:20 A.G. Novikov, O.I. Goriunova: Archaeological excavations at Tuakhane IX, Little Sea, summer 2020–2021. Presented by A. Weber

14:40 Coffee Break

15:00 J. Rinker: Tales of the tools: An examination of the material culture of Cis-Baikal Middle Holocene mortuary assemblages and implications for social stratification, mobility, and diet

15:20 E. Jessup, V.I. Bazaliiskii, A. Weber: Examining Kitoi mortuary practices at Shamanka II: challenges and solutions

15:40 A. Weber, E. Jessup, V.I. Bazaliiskii: Examining Kitoi mortuary practices at Shamanka II: results

16:00 General discussion

**16:30 Business Meeting 2: Summary and Planning**

17:15 Shuttle pickup or walk to the hotel. No group dinner, everyone is free to do as they wish.

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## Day 3, Saturday, September 10

### Excursion!

#### Guided Tour at Rundale Palace and Gardens with Olafs and Elina

<https://rundale.net/en/>

**Research Team/Staff:** Czermak, Jessup (+Gordon), Lieverse, Scharlotta (+Seidensticker), Schulting, Temple, Weber, Zagorska, Zarina

**Advisory Board:** O'Shea, Oxenham (+Crozier), Rowley-Conwy

**Invited Guests:** Mannermaa, Pouncett, Snoeck, Wang

**Graduate Students:** Eckelmann, Griffith, Hyland, Kalniņš, Kobe, Krikunova, Laughton, Macāne, Macleod, Rinker, Werens

**Departures morning of Day 3:** Meadows, Tarasov

*7:00 Breakfast at Radisson Blu Ridzene Hotel*

*8:30 Bus departs for Rundale Palace*

9:45 Arrive at Rundale Palace

10:00 Guided Tour begins

11:30 Guided tour ends

11:30–13:00 Walk the grounds, bring a picnic lunch or snacks, or have lunch at Café Ozollade on the ground floor by the main entrance of the Palace: <https://www.ozollade.lv/en/ala-carte/>

*13:00 Bus departs for Riga*

14:30 Arrive in Riga, Radisson Blu Ridzene Hotel

*14:30 No group dinner, everyone is free to do as they wish.*

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**Sunday, September 11: Departure. Safe travels home!**

## Walking Map: Radisson Blu Ridzene Hotel – University of Latvia House of Science

### Radisson Blu Rīdzene Hotel

1, Reimersa iela Street, Rīga, LV-1050, Latvia

↑ Head southeast on Kalpaka bulvāris toward Brīvības bulvāris

180 m

↪ Turn right onto Brīvības bulvāris

110 m

↑ Continue onto Brīvības laukums

210 m

↑ Continue onto Kaļķu iela

600 m

↶ Turn left toward 11. novembra krastmala

68 m

↷ Sharp right onto 11. novembra krastmala

14 m

↶ Slight left onto Uzvaras bulvāris

88 m

↑ Continue onto Akmens Tilts

550 m

↑ Continue onto Uzvaras bulvāris

240 m

↶ Turn left onto Valguma iela

230 m

↪ Turn right onto Akmeņu iela

92 m

↶ Turn left onto Jelgavas iela

**i** Destination will be on the right

