



HUNGARIAN
NATIONAL MUSEUM



VOLCANOLOGY
RESEARCH GROUP
Understanding Volcanoes



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MAGYAR NEMZETI MÚZEUM
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UNIVERSITAS
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Magyar Nemzeti Múzeum
Rákóczi Múzeuma
Sárospatak



STÁTNÝ GEOLOGICKÝ ÚSTAV
DIONÝZA ŠTÚRA



ARCHEOLOGICKÝ ÚSTAV SAV
NITRA

3rd Circular IOC 2019

27-29 May 2019 Sárospatak

Hosted by Rákóczi Museum of the Hungarian National Museum at Sárospatak, NE Hungary
Conference organised by the Hungarian National Museum

Dear friends and colleagues,

We are happy to present the 3rd circular including the preliminary conference program.

Our call for papers had a good feedback and we have received many contributions from all over the world, which promise a highly interesting conference.

You can also find the conference program on the webpage (http://ioc-2019.ace.hu/sites/ioc-2.ace.hu/files/IOC_Schedule.pdf), available for download.

Normal conference registration is closed: however, late registrations are possible on the venue (on 26-27 May). Payment can be made exclusively by bank card / credit card (see webpage for details).

The conference fee includes conference material, social events on 26 and 27 May, refreshments during the conference and excursions on 28 and 29 May to Hungarian and Slovak obsidian sources.

To keep updated, we would like to ask you to check the webpage regularly.

Conference arrangements

Lectures shall be held in the Knights Hall of the Rákóczi Castle. We can provide basic computer and projector facilities. Try to use standard presentation software; if in doubt, send a sample to us for checking. We suggest ppt / pps format.

For your posters, we can get them printed if it is necessary (to avoid problem with air transport) in Budapest on self cost (approx. 25 Euro). Please inform us on this in time and send posters (A0, pdf form) latest by 20 May.

Proceedings: to be announced. Please check the webpage for details.

Excursions:

Included in the Conference program:

28 May (Day 2)

14:00-19:00 Excursion Hungarian obsidian localities.

29 May (Day 3)

14:00-19:00 Excursion Slovakian obsidian localities.

Post-Conference excursions (for extra fee)

30 May (Day +)

Tour 1: 8:00-19:00 Sárospatak – Beregsurány – Rokosovo – Beregovo (back to Sárospatak) consider for departure and accommodation; crossing (to and back!) the EU/Ukrainian (Schengen) border, kindly **provide your necessary** travel documents.

Tour 2: 9:00-17:00 Sárospatak – Miskolc – Budapest

Tour 3: 9:00-17:00 Sárospatak – Budapest, BNC (Budapest Neutron Centre) – Budapest City Centre

Weather

Typically the weather in late May is warm and sunny but be prepared for heavy rain, too. Especially good footwear is essential for the fieldtrips. In the Castle and some excursion localities, warm clothing may be necessary.

Social events:

26 May (Day 0)

14:00-18:00 Visit the Rákóczi Castle Museum

14:00-18:00 Visit the Cannon Foundry

14:00-18:00 Visit the Obsidian Exhibition

16:00-18:00 Guided tour at the Red Tower of the Rákóczi Castle (on special request, please contact organisers)

18:00-20:00 Ice-breaking party at Rákóczi Museum

27 May (Day 1)

19:30-21:30 Reception given by the Mayor of Sárospatak at Hotel Bodrog

29 May (Day 3)

20:00-22:00 Conference Dinner at Vár Vendéglő (Castle Restaurant) (extra fee)

Accommodation and Transport

For those who booked accommodation in Hotel Bodrog and Tengersizem Motel, reservation has been made. We will send letters individually by email to confirm status of reservation and payment.

Special difficulties

Traffic between Budapest and Sáropatak is made more difficult by renovation of the main railroad connections and within Budapest by renovation of the metro line M3 (towards the airport). We will try to update you with relevant information on the webpage.

If coming by car is an option, we strongly recommend it – Sáropatak is easy to reach and parking is no problem.

IOC
2019

International
Obsidian
Conference

27–29 May 2019
Sárospatak
Hungary



Conference program (preliminary version):

Day 0 (26 May)

14:00-20:00 Conference Registration

14:00-18:00 Visit exhibitions

16:00-18:00 Guided tour at the Red Tower of the Rákóczi Museum (on special request, please contact organisers)

18:00-20:00 Ice-breaking party at Rákóczi Museum

Day 1 (27 May)

8:00-12:00 Conference Registration

9:00: opening – Welcome speeches

9:30-11:45: lectures (5)

Session I - Obsidian sources and their characterisation

9:30-9:50

Barba, L. - Esparza, R. - Ruvalcaba, J. L.: Building a data base of the Mesoamerican obsidian outcrops

9:50-10:10

Reepmeyer, C. - O'Connor, S. - Mahirta - Irfan, A.: An update on the South Wallacean obsidian interaction sphere

10:10-10:30

Suda, Y. - Oyokawa, M. - Inata, Y.: Geochemical classification and characterization of obsidian sources in Oki-Dogo island: application to the provenance study of archaeological obsidian artifacts

10:30-10:50

Akbar Abedi - Dibazar, Mohammadi Vahideh - Steiniger, D. - Glascock, M. D.: The provenance of Kul Tepe obsidian artifacts; Syunik and the Highlands of Armenia as possible seasonal pastureland

10:50-11:10

Přichystal, A. - Strunga, V. - Furmanek, M. - Rapiński, A.: Provenance of SBK obsidian from Dzielnica (Opole province, Upper Silesia, Poland)

11:10-11:20

General discussion on session I

11:20-11:40 : Coffee break

11:40-14:00: lectures (6)

Session II - Formation and geology of obsidian

11:40-12:00

Kohút, M. - Anczkiewicz, R. - Danišík, M. - Erban, V. - Gerdes, A. - Halton, A. - Kirkland, Ch. - Kochergina, Y. - Magna, T. - Milovsky, R. - Pearce, N. - Recio, C. - Sherlock, S. - Westgate, J. - Bačo, P.: Progress in geological understanding of the Carpathian obsidians

12:00-12:20

Szepesi, J. - Vona, A. - Fintor K. - Buday T. - Scarani, A. - Harangi, Sz.: Cooling and hydration of the Carpathian obsidian, a differential scanning calorimetry (DSC), thermogravimetry (DTA) and infrared spectroscopy (FTIR) study

Session III -Analytical aspects of obsidian studies

12:20-12:40

Kasztovszky, Zs. - Szilágyi, V. - Maróti, B. - Harsányi, I. - Len, A. - Gméling, K.: Neutron studies in the obsidian research - performed at the Budapest Neutron Centre

12:40-13:00

Donato, P. - Barba, L. - Crocco, M. C. - De Rosa, R. - Donato, S. - Filosa, R. - Lanzafame, G. - Niceforo, G. - Pastrana, A. - Crisci, G. M.: Microtomography of the vesiculated obsidians of Sierra Las Navajas (Hidalgo, Mexico)

13:00-13:20

Mashima, H. - Suto, T.: Linking WD-XRF and ED-XRF for obsidian sourcing: a case study for the Paleolithic Omegura sites at Nagawa town, Nagano prefecture, Japan

13:20-13:40

Stevenson, Ch. M. - Rogers, A. - Ladefoged, T. N.: A molecular model for water diffusion in obsidian

13:40-14:00

General discussion on sessions II and III

14:00-15:00 lunch break

15:00-17:20: lectures (5)

Session IV - Use of obsidian by chronological periods

15:00-15:20

Markó, A.: The use of the Slovakian and Hungarian obsidian: the earliest data

15:20-15:40

Shimada, K.: A local behavior system for obsidian acquisition in a source area: Integrative lithic analyses focused on the Early Upper Palaeolithic industry of Hiroppara II in the Central Highlands, Japan

15:40-16:00

Ono, A.: Acquisition patterns of obsidian at the Upper Palaeolithic Mattobara site in north-central Japan

16:00-16:20

Doronicheva, E. - Shackley, S. M. - Golovanova, L. V. - Doronichev, V. B.: Exploitation of the Zayukovo (Baksan) obsidian in the Paleolithic of the Northern Caucasus: new discoveries and new sites

16:20-16:40

Wilczyński, J. - Lengyel, Gy.: Obsidian as a determinant of the migration routes of Gravettian and Epigravettian hunter-gatherers

16:40-17:00

General discussion on session IV (part 1)

17:00-17:20 Coffee break

17:20-19:40: lectures (5)

Session IV - Use of obsidian by chronological periods

17:20-17:40

Kaminská, L.: Use of obsidian from the Paleolithic to the Bronze Age in Slovakia

17:40-18:00

Szilágyi, K.: Some thoughts about the cultural traditions and raw material selection strategies connected to obsidian in the Neolithic Carpathian basin

18:00-18:20

Jovanović, I. - Sommer, U.: The distribution of obsidian in the Middle Danube area in the Neolithic

18:20-18:40

Sztáncsuj, S. J. - Biró, K. T. - Nagy-Korodi, I. - Constantinescu, B.† - Hágó, A. - Berecki, S. - Mirea, P. - Szilágyi, V. - Maróti, B. - Kasztovszky, Zs.: Nuclear analytical investigations on prehistoric obsidian artefacts from Romania

18:40-19:00

Boroneanț, A. - Bonsall, C.: Geochemical characterization of obsidian artefacts from
Mesolithic and Neolithic sites in the Iron Gates, Southeast Europe

19:00-19:20

General discussion on session IV (part 2)

19:30-21:30 Reception given by the Mayor of Sárospatak at Hotel Bodrog

Day 2 (28 May)

9:00-11:00: lectures (2+3)

Session V - Lithic technology and use-wear

9:00-9:20

Jovanović, I. - Bogosavljević Petrović, V.: Technology of obsidian assemblage from the Late Neolithic site of Potporanj (Serbia)

9:20-9:40

Nemergut, A. - Cheben, M.: Unique grinded obsidian finds from Eneolithic site at Nitra-Selenec

Session VI - Contemporary approaches to reconstructing exchange

9:40-10:00

Moutsiou, T.: Least Cost Pathway Analysis of obsidian circulation and social communication in Early Holocene Cyprus

10:00-10:20

Tykot, R. H. - Vianello, A.: Changes in Obsidian Island Source Usage in Northern Italy during the Neolithic: Selection or Availability?

10:20-10:40

Freund, K. P. - Craig, A.: Obsidian Exploitation and Shifting Cultural Identities on Sardinia and Corsica

10:40-11:00

General discussion on sessions V, VI

11:00-11:20: Coffee break

11:20-13:00 lectures (4)

Session VII - Super-long distance movement of obsidian in prehistory: why, how and what for?

11:20-11:40

Kuzmin, Y. V.: Super-long-distance exchange of obsidian in the prehistoric Arctic: current evidence from Northeast Siberia and Alaska

11:40-12:00

Jokhadze, S.: Chikiani obsidian source and transportation routes in Neolithic-Chalcolithic period cultures of Lesser Caucasus of Georgia

12:00-12:20

Vianello, A. - Tykot, R. H.: Obsidian production and consumption in Yellowstone National Park, USA

12:20-12:40

Demidenko, Y. E. - Hauck, T. - Frahm, E.: "And even one warrior is in the field": an importance of Yabrud II (Syria) obsidian artifact for understanding of EUP human dispersal events beyond the East Mediterranean Levant

12:40-13:00

General discussion on session VII

13:00-14:00: lunch break

14:00-19:00 Excursion to Hungarian obsidian localities.

Day 3 (29 May)

9:00-11:00: lectures (3)

Session VIII - Exploring the allure of obsidian: Symbolic, social, and practical values for obsidian

9:00-9:20

Orange, M. - Le Bourdonnec, F.-X. - Gratuze, B. - Berthon, R. - Marro, C.: Humans and materials in motion in the Southern Caucasus: exploring the role of mobile pastoralists in the exploitation and diffusion of obsidian

9:20-9:40

Torrence, R. - Rath, P. - Dickinson, P. - Kononenko, N.: Producing value: obsidian stemmed tools from West New Britain, Papua New Guinea

9:40-10:00

Sobkowiak-Tabaka, I.: Obsidian in context

10:00-10:10

General discussion on session VIII

10:10-11:30: Coffee break and poster session

Posters

Session I: Obsidian sources and their characterisation

Rácz, B.: The Carpathian 3 obsidian - the geoarchaeological review

Donato, P. - Barba, L. - De Rosa, R. - Niceforo, G. - Pastrana, A. - Crisci, G. M.: Sub-sourcing of Sierra de las Navajas obsidians (Hidalgo, Mexico)

Magyari, S. I. - Gherdán, K. - Markó, A. - Topa, B. - Albert, G. - Weiszburg, T.: A 19th century pseudo-obsidian reference: the glassy andesite of Buják, Hungary as possible chipped stone raw material

Analytical aspects of obsidian studies

Starnini, E. - Panelli, C. - Le Bourdonnec, F.-X. - Lugliè, C.: New results from sourcing the early Neolithic obsidian artefacts from Pollera Cave (Liguria, NW Italy)

Aghamalyan, N. R. - Kafadaryan, Y. A. - Nersisyan, M. N. - Smbatyan, H. A.: Semitransparent obsidian of dark gray color from Artheni deposit (Armenia)

Kohút, M. - Čížmár, E. - Dekan, J. - Drábik, M. - Hroudá, F. - Jesenák, K. - Kliuikov, A. - Miglierini, M. - Mikuš, T. - Milovská, S. - Šauša, O. - Šurka, J. - Bačo, P.: Physical methods of the Carpathian obsidians study

Session IV - Use of obsidian by chronological periods

Oyokawa, M. - Suda, Y. - Inata, Y. - Nada, T.: Upper Palaeolithic obsidian exploitation and human behavior in the Oki Islands and Chūgoku Mountains of the Southwestern part of the Japanese archipelago

Le Bourdonnec, F.-X. - Orange, M. - Bellot-Gurlet, L. - Dubernet, S. - Lugliè, C. - Leandri, C.: Circulation and origin of the obsidian in the Tyrrhenian zone: the example of prehistoric Corsica

Szeliga, M.: The inflow of obsidian north of the Carpathians during the Neolithic: chrono-cultural variability of distribution

Szeliga, M. - Kasztovszky, Zs. - Szilágyi, V.: New PGAA data on the origin of Early Neolithic (LPC) obsidian in the upper Vistula Basin

Session VI - Contemporary approaches to reconstructing exchange

Biró, K. T. - Kasztovszky, Zs. - Mester, A.: New-old obsidian nucleus depot find from Besenyőd, NE Hungary

Priskin, A. - Szeverényi, V. - Wieszner, B.: Obsidian exchange in Early Neolithic Eastern Hungary

Gratuze, B. - Tardy, N. - Kalantarian, I. - Perello, B. - Chataigner, C.: The development of obsidian procurement in the cave of Getahovit (NE Armenia)

11:30-12:50 lectures (3)

Session VIII - Exploring the allure of obsidian: Symbolic, social, and practical values for obsidian

11:30-11:50

Werra, D. H.: Investigation the sources and uses of obsidian during the Neolithic in Poland – preliminary review

11:50-12:10

Šošić Klindžić, R.- Kasztovszky, Zs. - Kalafatić, H. - Tripković, B.: Fashion is tradition. Obsidian on Northern Balkans Copper Age sites

12:10-12:30

Campbell, S. - Kuzmin, Y. V. - Healey, E. - Glascock, M. D.: Reflection of the *magus*: The provenance of an obsidian mirror associated with the sixteenth century polymath, John Dee

12:30-12:50

General discussion on session VIII and Posters

12:50-13:00

Closing address

13:00-14:00: lunch break

14:00-19:00 Excursion to Slovakian obsidian localities

20:00-22:00 Conference dinner

Day + (30 May)

Post-Conference tours

Tour 1: 8:00-19:00 Sárospatak- Beregsurány- Rokosovo- Beregovo
(back to Sárospatak) consider for departure and accommodation

Tour 2: 9:00-17:00 Sárospatak- Miskolc- Budapest

Tour 3: 9:00-17:00 Sárospatak- Budapest, Budapest Neutron Centre - Budapest City Centre