

IOC
2019

International
Obsidian
Conference

27–29 May 2019
Sárospatak
Hungary



Conference program

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

9:30-11:20: lectures**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 the Stroked Pottery culture obsidian from Dzielnica (Opole province, Upper Silesia, Poland)

11:10-11:20

General discussion on session I

11:20-11:40: Coffee break

11:40-12:50: lectures**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

12:20-12:40

Lexa, J.-Bačo, P.-Bačová, Z.-Konečný, P.-Konečný, V.†-Németh, K.-Pécskay, Z.: Viničky rhyolite volcano: one of the sources of obsidian in Eastern Slovakia

12:40-12:50

General discussion on session II

12:50-14:00 lunch break

14:00-15:30 lectures

Session III -Analytical aspects of obsidian studies

14:00-14:20

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

14:20-14:40

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)

14:40-15:00

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

15:00-15:20

Stevenson, Ch. M. - Rogers, A. - Ladefoged, T. N.: A Molecular Model for Water Diffusion in Obsidian

15:20-15:30

General discussion on session III

15:30-15:50 Coffee break

15:50-17:00: Poster session

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

Báčová, Z.-Bačo, P.: Occurrences of the volcanic glass related to Neogene volcanism in the Eastern Slovakia

Session III - 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. - Čižmár, 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

Petřík, J.-Prokeš, L.-Přichystal, A.-Škrdla, P.-Kaminská, E.-Oliva, M.-Svoboda, J.-Nemergut, A.-Burgert, P.-Kuča, M.:Non-destructive ED-XRF provenance analysis of Palaeolithic obsidian artifacts from the Czech Republic and Slovakia

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)

17:00-18:40: lectures**Session VII - Super-long distance movement of obsidian in prehistory: why, how and what for?**

17:00-17:20

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

17:20-17:40

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

17:40-18:00

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

18:00-18:20

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

18:20-18:40

General discussion on session VII

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

Day 2 (28 May)**9:00-11:20: lectures****Session IV - Use of obsidian by chronological periods**

9:00-9:20

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

9:20-9:40

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

9:40-10:00

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

10:00-10:20

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

10:20-10:40

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

10:40-11:00

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

11:00-11:20

General discussion on session IV (part 1)

11:40-10:40 Coffee break

11:40-14:00: lectures**Session IV - Use of obsidian by chronological periods**

11:40-12:00

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

12:00-12:20

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

12:20-12:40

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

12:40-13:00

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

Session V - Lithic technology and use-wear

13:00-13:20

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

13:20-13:40

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

13:40-14:00

General discussion on session IV (part 2) and session V.

14:00-15:00: lunch break

15:00-19:00 Excursion Hungarian obsidian localities: Bodrogkeresztúr, Mád and Olaszliszka

Day 3 (29 May)**9:00-10:10: lectures****Session VI - Contemporary approaches to reconstructing exchange**

9:00-9:20

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

9:20-9:40

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

9:40-10:00

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

10:00-10:10

General discussion on session VI

10:10-10:30: Coffee break

10:30-12:50: lectures**Session VIII - Exploring the allure of obsidian: Symbolic, social, and practical values for obsidian**

10:30-10:50

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

10:50-11:10

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

11:10-11:30

Sobkowiak-Tabaka, I.: Obsidian in context

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

12:50-13:00
Closing address

13:00-14:00: lunch break

**14:00-19:00 Excursion Slovakian obsidian localities: Viničky, Streda nad Bodrogom,
Cejkov**

20:00-22:00 Conference dinner

Day + (30 May)

Post-Conference tours

Tour 1: 8:00-19:00 Sárospatak – Beregsurány – Rokosovo – Beregovo – Sárospatak
consider for departure and accommodation

Tour 2: 9:00-17:00 Sárospatak – Miskolc, Herman Ottó Museum – Budapest

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

