



Program

Day 0 (17 November)

- 16:00-19:30: Conference Registration at Budapest University (ELTE), Department of Mineralogy (1/C Pázmány Péter sétány, Budapest - coordinates: N47.472437° E19.063209°)
- 18:00: Exhibition guided tour in Mineralogy Collection
- 18:00-20:30 Ice-breaking party at the Department of Mineralogy

Day 1 (18 November)

Venue: Hungarian National Museum, 14-16 Múzeum körút, Budapest

8:00-12:00 Conference Registration

9:30-10:00 opening

10:00-11:00: lectures

Bedrock and Alluvial: primary and secondary raw material sources

Mester, Zs. & Faragó, N.: From Bedrock to Alluvium: Considerations on raw material sources

Prieto, A. – García-Rojas, M. – Arrizabalaga, Á. – Baena, J.: Quartzite catchment, not only on fluvial deposits: raw material characterisation of the lithic assemblage of the layer XXII-R from el Esquilleu, Cantabrian Region, Spain

Markó, A.: Use of quartzite pebbles during the LGM: a case study from Mogyorósbánya (Hungary)

11:00-11:10: discussion

11:10-11:40: Coffee break

11:40-12:40: lectures

Polished / ground stone tool production: knapping before polishing / grinding

Shao, M.: A Preliminary Study of a Knapped Basalt Stone Axe Head from Jibei Island, Penghu Archipelago, Taiwan

Lithic technology of recent periods: Modern and Mediaeval

Brandl, M. & Niebylski, J.M.: Analysis of gunflints from Modlin Fortress in Nowy Dwór Mazowiecki, central Poland

Brandl, M. – Budziszewski, J. – Niebylski, J. – Szubski, M. – Trnka, G.: Gunflints flint mine „Lysinka” in Nyzhniv, Iwano-Frankiivsk oblast (Ukraine)

12:40-12:50: discussion

12:50-14:00: lunch break

14:00-15:20: lectures

Raw material exploitation strategies: mining and surface collecting I

Barrientos, G. & Catella, L.: The study of competitive relationships between raw material sources in a regional context: an approach based on the joint analysis of paired fall-off curves

Tóth, H. Z. & Kristály, F.: Archaeometric tracing of thermal alterations produced on silicites quarried by fire setting

Doronicheva, E.: Variants of raw materials exploitation in the Middle Paleolithic in the Northern Caucasus

Marković, J. – Matović, V. – Mihailović, B.: Procurement of raw material in the Middle Palaeolithic at Šalitrena pećina (Serbia)

15:20-15:30: discussion

15:30-16:00: Coffee break

16:00-17:00: lectures

Raw material exploitation strategies: mining and surface collecting II

Kerneder-Gubała, K.: Final Palaeolithic exploitation strategies in Orońsko region, Central-Southern Poland

Budziszewski, J. – Niebylski, J. – Szubski, M.: Prehistoric flint exploitation at catchment-area of upper Dniester and Zolota Lypa rivers

Biagi, P.: Mining knappable stone resources during the Bronze Age: Examples from the Caucasus and Sindh (Pakistan)

17:00-17:10: discussion

Day 2 (19 November)

Venue: Hungarian National Museum, 14-16 Múzeum körút, Budapest

9:30-10:50: lectures

Ancient lithic trade and economics I

Djindjian, F.: Towards an Integrated lithic analysis (ILAN) : ontology, typology, manufacturing process, artifact refitting, raw material sources, intra-site spatial analysis, use-wear traces, experimental knapping

Cieřla, M. & Valde-Nowak, P.: Raw materials circulation as an indicator of cultural change in early MIS 3 in Central Europe

Hirsch, K.: Speckled Senonian Flint Artefacts in Southern Jutland. An example for flint provenancing in Denmark and Northern Germany

Franco, N. – Gilio, B. L. – Vetrivano, L.: An insight into human mobility in South Patagonia through information from lithic raw materials availability areas, artifacts distribution and characteristics, Linkage Pathways and Least Cost Paths analysis

10:50-11:00: discussion

11:00-11:30: Coffee break

11:30-12:50: lectures

Ancient lithic trade and economics II

Manocossi, F.: Protohistoric flint exchange system: The case of the Canaanite blades

Solanas, S.: Lithic economy in South Western France during Neolithic, a case study from a coastal site: La Lède du Gurg

Vornicu, D.-M. & Sztáncsuj, S.-J.: The chipped stone industry of the Copper Age settlement at Malnař Băi (Covasna County, Romania). The reduction and use of local stones vs. long-distance raw materials

Affolter, J. – Wehren, H – Heitz, C – Stapfer, R – Hinz, M – Thierrin-Michael, G – Emmenegger, L – Hafner, A.: Flint procurement in Switzerland during the 4th Millennium B.-C.

12:50-13:00: discussion

13:00-14:00 lunch break

14:00-15:20: lectures

Characterising lithic sources I

Gómez de Soler, B. – Soto, M. – Vallverdú, J. – Bargalló A. – Chacón, M. G. – Martín-Viveros, J. I. – Romagnoli, F. – Soares Remiseiro, M. – Vaquero, M.: Sant Martí de Tous: a chert 'self-service' for the Catalan Central Depression (Northeast of the Iberian Peninsula)

Sánchez de la Torre, M. – Utrilla, P. – Domingo, R. – Jimenez, L – Le Bourdonnec, F.-X. – Gratuze, B.: Lithic raw material procurement at Chaves Cave (Huesca, Spain). A geochemical approach to define Palaeolithic human mobility

Bogosavljević-Petrović, V. – Brandl, M. – MacDonald, B. L. – Klesner, C. – Šarić, K. – Cvetković, V. – Jovanović, D. – Jovanović, D. – Starović, A.: From quarry to settlement in the central Balkans: test of the origin of stone raw materials based on LA-ICP-MS and microanalysis

Parish, R. M.: Sourcing chert artifacts in order to determine prehistoric pilgrims? At the Poverty Point site, a UNESCO World Heritage site in Louisiana, USA

15:20-15:30: discussion

15:30-16:00 Coffee break

16:00-17:10 UISPP meetings

Late Roman Seuso treasure: guided tour in the exhibition in the HNM

Day 3 (20 November)

Venue: Mining and Geological Survey of Hungary, 14 Stefánia street, Budapest

9:30-11:10: lectures

Characterising lithic sources II

Yoo, Y.: How can the raw material characterization be more satisfactory? A Comparative Mechanical Approach

Biró, K.T.: Role of 'phenotypes' in petroarchaeological characterisation

Szilágyi, V. – Kasztovszky, Zs. – Biró, K. T. – Maróti, B. – Harsányi, I.: Beyond the macroscopic phenotypes: knappable siliceous raw materials in the Carpathian Basin. Selectivity and limits of PGAA-based chemical characterization

Wehren, H. – Affolter, J. – Kiosak, D. – Hinz, M.: Sedimentary microfacies for the determination of the raw material provenance of artefacts

Brandl, M. – Hauzenberger, C. – Filzmoser, P. – Martinez, M. M.: Protocol for geochemically sourcing secondary deposits of siliceous rocks

11:10-11:20: discussion

11:20-11:50: Coffee break

11:50-13:10: lectures

Geology and mineralogy of knappable materials

Gurova, M. – Andreeva, P. – Stefanova, E.: Revisiting flint raw materials from Bulgaria (Shumen district): petrography and LA-ICP-MS analyses

Přichystal, A.: Classification of siliceous rocks in Central Europe

Schmidt, P.: Heat treatment and the mechanical properties of rocks

Lithotheques: collections of comparative raw materials

Biró, K.T.: 33 years of the Lithotheca in the Hungarian National Museum

13:10-13:20: discussion

13:20-14:20 lunch break

14:20-15:20: Poster session

Bedrock and Alluvial: Primary and Secondary Raw Material Source

Hanthy, K.: The Spirit of Stones

Geology and mineralogy of knappable materials

Moník, M. – Milde, D. – Hadraba, H. – Nerudová, Z. – Schnabl, P.: Heat-induced changes in cherts and location of Magdalenian hearths

Characterising lithic sources

Acquafredda, P. – Larocca, F. – Minelli, A – Micheletti, F. – Pallara, M.:

Petroarcheometric analysis on obsidian artefacts found within some prehistoric caves of Southern Italy

Basha, F. – Beqiraj, E – Bejko, L.: Preliminary data on the utility and provenance of the lithic tools in the Neolithic settlement of Dërsnik (Albania)

- Conati Barbaro, C. – Moscone, D. – Acquafredda, P. – Pallara, M. – Muntoni, I. – Iamoni, M. – Simi, F. – Coppini, C. – Morandi Bonacossi, D.: Sourcing obsidian using SEM-EDS and WD-XRF analyses: new data from Northern Iraqi Kurdistan sites
- Foresta Martin, F. – Acquafredda, P. – Larocca, F. – Micheletti, F. – Pallara, M.: Archaeometric characterization of the obsidians from the Late Roman site of Casa dei Francesi at Tramontana in Ustica (Palermo, Italy)
- González, C. & Mangado, X.: Raw material analyses of Catalonian Late Neolithic - Chalcolithic chert grave goods: macroscopic approach
- Kerneder-Gubała, K. & Buławka, S.: Siliceous rocks of the Tatra Mountains (Southern Poland) as a potential source of raw materials in the Stone Age
- Moscone, D. – Eramo, G. – Caggiani, M. C. – Pallara, M. – Acquafredda, P. – Conati Barbaro, C.: Local and exotic raw materials for blade-knapping during the Late Chalcolithic and Early Bronze Age in the Northern Iraqi Kurdistan: the case of chert and obsidian
- Sztáncsuj, S. J. – Biró, K. T. – Kasztovszky, Zs. – Szilágyi, V.: Nuclear analytical investigations on the chipped lithic industry of the Copper Age Ariuşd group in South-Eastern Transylvania

Lithotheques: collections of comparative raw materials

Doronicheva, E.: Representing Lithotheque of siliceous rocks from the Northern Caucasus

Raw material exploitation strategies: mining and surface collecting

Soares-Remiseiro, M. – Gómez de Soler, B. – Arteaga-Bribea, A. – Borràs, G. – Cámara, J. – Campeny, G. – Chacón, M. G. – Fernández-Marchena, J. L. – Guinart, V. – López, G. – Mas, B. – Soto, M. – Suesta, A. – Shkarinska, K. – Ramírez, I. – Val-Peón, C. – Vallverdú, J.: La Guinardera quarry (Sant Martí de Tous, Barcelona). An example of chert exploitation in modern times

Ancient lithic trade and economics

Gómez de Soler, B. – Bustos-Pérez, G. – Chacón, M. G. – Picin, A. – Rufà, A. – Rivals, F. – Blasco, R. – Rosell, J.: An approximation to the Neanderthals lithic procurement at Teixoneres Cave (Moià, NE Iberian Peninsula)

Loponte, D. – Silvestre, R. – Acosta, A.: Design and reduction sequences of projectile points from the Low Paraná river basin, Argentina

Stone tool production and processing techniques

Petrović, A. & Mitrović, M.: Production and use: Beyond stone tools. Example of house 32, Lepenski Vir (Serbia)

Lithic technology of recent periods: Modern and Mediaeval

Hajnal, Zs. – Markó, A. – Biró, K. T.: Recycling of the Prehistoric items: 'fire-stones' from a Longobardian cemetery

Use-wear analysis of different stone raw materials: specific features and variability

Doronicheva, E. – Poplevko, G. – Golovanova, L. – Doronichev, V. – Nedomolkin, A.: Flint and obsidian tools from Saradj-Chuko grotto, Northern Caucasus, Russia: preliminary results of use-wear analysis

Skakun, N. – Terekhina, V. V. – Longo, L. – † Leonova, N. B. – Pantyukhina, I. E. – Vinogradova, E. E. – Shulga, D. M.: Functional use of large stone objects in the Paleolithic sites of the Russian Plain

Polished / ground stone tool production: knapping before polishing / grinding

Antoni, J. & Falchetto, A.: Vaitehii: the cradle of the basalt adze-blades on Nuku Hiva, Marquesas Islands

Antoni, J. & Falchetto, A.: Knife in the wall: three examples of a rare tool-form on Nuku Hiva, Marquesas Islands, Eastern Polynesia.

Starnini, E. & Szakmány, Gy.: Knapping before and after polishing: technological evidence in the Neolithic polished stone tools from Hungary

15:40-17:10: Coffee break

17:10-18:00: 150 years old Geological Institute: a guided tour in the museum

Day 4 (21 November)

Venue: Hungarian National Museum, 14-16 Múzeum körút, Budapest

9:00-10:40: lectures

Experimental flint knapping

Kilpatrick, J.: Weber Fractions and the Ability to Perceive Three-Dimensional Size Differences in Stone Tools

Grøn, O. – Tayong, R. – Boldreel, L. O. – Nørmark, E. – Madsen, B. – Blondel, Ph.: Knapping of siliceous materials, some new perspectives and possibilities

Bachelier, J. & Schmidt, P.: Did Solutrean flint knappers control the heating environments to heat-treat raw materials?

Bebber, M. R. & Eren, M. I.: Experimental assessment of knapped stone vs. copper knife blades

Eren, M. I. & Bebber, M. R.: Experimental assessment of knapped stone vs. copper projectile points

10:40-10:50: discussion

10:50-11:20: Coffee break

11:20-12:40: lectures

Use-wear analysis of different stone raw materials: specific features and variability

Viallet, C.: Flint vs. Limestone – A comparative analysis on the development of macro-wears. Implications for the analysis of old lithic toolkits

Petrović, A. – Lemorini, C. – Mihailović, D. – Nunziante-Cesaro, S.: *Behind the scenes.* Introduction to the human activities in the Iron Gates region. Preliminary use-wear analysis of chipped stone artefacts from Lepenski Vir and Padina (Serbia)

Gurova, M. & Bonsall, C.: A pilot study of use-wear on pitchstone

Shulga, D. M. – Skakun, N. N. – Bostanova, T. M. – Terekhina, V. V.: Traceological studies of the production inventory of the Gulikandoz site (Gissar Neolithic culture, Tajikistan)

12:40-12:50: discussion

12:50-13:50: lunch break

13:50-18:00 Conference excursion

18:00-21:00 Conference dinner

Day 5 (22 November)

Venue: Hungarian National Museum, 14-16 Múzeum körút, Budapest

9:00-11:00: lectures

Stone tool production and processing techniques I

Bourguignon, L. – de Weyer, L. – Viallet, C. – Ivorra, J. – Cuartero, F. – Barsky, D. – Rios, J. – Bello P.: Raw material adaptation and human choices according to the production methods at the beginning of the Acheulean in Europe: The example of the US4 of Bois de Riquet (France)

Clément, S.: Like a prehistoric knapper... Experimental knapping facing archaeological assemblage

Fusco, M. & Spinapolice, E. E.: “*Chaînes opératoires*” and raw material choices at the MSA site of Gotera, Southern Ethiopia

Mathias, C. – Bourguignon, L. – Ivorra, J. – Barsky, D. – Viallet, C. – Grégoire, S.: Adaptation to raw materials intra-variability: example from the Middle Palaeolithic open-air stations of the Hérault valley, France (Les Geissières, Saint-Saturnin and Camillo)

Mihailović, D.: Quartz component in the Middle Paleolithic industries of the Central Balkans

Djindjian, F. – Iakovleva, L. – Sapojnikova, G. – Grégoire, S. – Moigne, A. M.: An integrated lithic analysis of the flint artefacts of the mammoth bone dwelling site of Gontsy (Ukraine)

11:00-11:10: discussion

11:10-11:40: Coffee break

11:40-13:20: lectures

Stone tool production and processing techniques II

Herrera, K. A.: Procurement, management of raw material and lithic production by the Late Pleistocene peoples of the Atacama desert, Northern Chile

Tupakhin, D.S.: The characteristics of the stone industries in Western Siberia Subarctic zone

Terekhina, V. V. – Skakun, N. N. – Agakhanova, V. A.: Manufacturing technology of stone miniature columns from Gonur-Depe Bronze Age site (Southern Turkmenistan)

Benoit, M.: The role of quartz and silicified sandstone in Late Holocene lithic industries in the North East Kimberley, Western Australia

Manclossi, F.: Between prehistory and modern era: Flint technologies in early historic times

13:20-13:30: discussion

13:30-14:30 lunch break

14:30: Closing 12th ISKM

Day +1 (23 November)

Post-Conference tours

9:00-17:00 Tour 1: Tata - Vértesszőlős

9:00-18:00 Tour 2: Ipolytarnóc - Bér

