

9th International Conference
UISPP Commission on Flint Mining in Pre- and Protohistoric Times

“The flint mining studies: archaeological excavations – extraction methods – chipping floors – distribution of raw materials and workshop products”

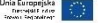
19-21th September 2019

Scientific Committee

Françoise BOSTYN (UISPP, UNIVERSITÉ PARIS 1 - PANTHÉON-SORBONNE),
Hélène COLLET (UISPP, SPW),
Anne HAUZEUR (UISPP),
Artur JEDYNAK (MUSEUM AND RESERVE ‘KRZEMIONKI’)
Kamil KAPTUR (MUSEUM AND RESERVE ‘KRZEMIONKI’)
Maciej KRAJCARZ (ING PAN)
Jacek LECH (UISPP)
Anna SOKÓLSKA-MAJCHRZAK (IAE PAN)
Magdalena SUDOŁ-PROCYK (IA UMK)
Xavier TERRADAS (UISPP, CSIC, IMF)
Dagmara H. WERRA (UISPP, IAE PAN)



Archaeological Museum and Reserve “Krzemionki”
(Ostrowiec Świętokrzyski, Poland)



Conference program

Thursday 19.09.2019

9:00-9:30 Conference Registration at the Archaeological Museum and Reserve “Krzemionki”

9:30-10:00 **Welcome speeches**

Chairwoman: H el ene Collet

10:00-10:20 Katarzyna Kerneder-Gubała

(Institute of Archaeology and Ethnology Polish Academy of Sciences, Solidarności Avenue 105 00-140 Warsaw, Poland)

Final Palaeolithic Exploitation And Processing Of Chocolate Flint In Orońsko, Central Southern Poland

10:25-10:45 Martin Oliva

(Moravian Museum Zelný trh 6, 659 37 Brno, Czech Republic)

Chert mining, Krumlovský les, Mesolithic, South Moravia, Neolithisation

10:50-11:10 Antonio Tarrino Vinagre¹, Irantzu Elorrieta Baigorri², Diego Alonso Herrero³, Mikel Aguirre Ruiz de Gopegui⁴, Alberto Bandrés Mart inez⁵, Cristina L pez Tasc n⁶, Hugo Hern andez Hern andez², Iosu Junguitu  niguez de Heredia², Ruth Jim enez San Pedro⁵, Fernando Jim enez Barredo¹, Ana Isabel  lvaro Gallo¹, Pablo Pardo Ib n ez¹, Bel n Notario Collado¹, David Larreina Garc a², Pilar Fern andez Col n¹, Raquel Lorenzo Cases¹, Diego Lois Carrera¹, Aitor S nchez L pez de Lafuente², Jos  Antonio Mujika Alustiza² and Javier Fern andez Eraso²

(¹Centro Nacional de Investigaci n sobre la Evoluci n Humana (CENIEH), Department: Geology, Street, n : Paseo Sierra de Atapuerca, 3, Zip Code, City, 09002, Burgos, Spain; ²Universidad del Pa s Vasco – Euskal Herriko Unibertsitatea (UPV/EHU), Department: Geograf a, Prehistoria y Arqueolog a, Street, n : Calle Tom s y Valiente, s/n, Zip Code, City, 01006, Vitoria-Gasteiz ( lava), Spain; ³Universidad de Le n (UNILEON), Department: Historia, Street, n : Campus de Vegazana, s/n., Zip Code, City, 24071 Le n, Spain; ⁴UNED de Bergara (UNED-Bergara), Department: Humanidades, Street, n : San Mart n Aguirre Plaza, Zip Code, City, 20570, Bergara (Gipuzkoa), Spain; ⁵T V S D Iberia S.A.U., Department: Geology, Street, n : C/ Las Balsas n  22. Naves 19-20-21, Zip Code, City, 26009, Logro o (La Rioja), Spain; ⁶Universidad de Oviedo (UNIOVI), Department: Historia, Street, n : Campus del Mil n C/ Amparo Pedregal s/n, Zip Code, City, 33011 - Oviedo, Spain)

The Neolithic Flint Mining Quarry of Pozarrate (Trevi o, North of Spain)

11:15-11:35 Anne Teather¹ and Jon Baczkowski²

(¹School of Earth and Environmental Sciences; 3.502 Stopford Building University of Manchester; Oxford Road; Manchester M13 9PL; ²Department of Archaeology, Faculty of Arts and Humanities, University of Southampton Avenue Campus, Highfield Southampton SO17 1BF United Kingdom)

Chalcolithic flint mining in Britain

11:40-12:00 Elżbieta Trela-Kieferling
(Muzeum Archeologiczne w Krakowie; Senacka 3, 30-002 Cracow)

Flint workshops at the mines and dwellings in the Pleszów-Modlnica settlements of the Lengyel-Polgár cycle: chronological differences

12:00-12:15 Discussion and coffee break

Chairman: Philip C. LaPorta

12:15-12:35 Jacek Lech and Dagmara H. Werra¹

(¹Institute of Archaeology and Ethnology Polish Academy of Sciences, Solidarności Avenue 105 00-140 Warsaw, Poland)

Why was 'chocolate' flint still mined in the north eastern fringe of the Holy Cross Mountains (central Poland) in the Bronze Age?

12:40-13:00 Pavel Burgert¹ and Antonín Přichystal²

(¹Institute of Archaeology of the Czech Academy of Sciences, Prague, v.v.i. Czech Republic; ²Department of Geological Sciences, Faculty of Science, Masaryk University, Brno, Czech Republic)

New Research of Prehistoric Marble Quarries from the Bílý Kámen at Sázava (Czech Republic)

13:05-13:25 Andrzej Pelisiak and Adriana Raczak

(Institute of Archaeology; University of Rzeszów; Moniuszki 10; 35-015 Rzeszów; Poland)

Mapping natural exposures of siliceous marls and cherts as a potential zones of raw material acquisition. The case of the eastern Polish Carpathian Foothills and the Neolithic and Bronze Age Rzeszów settlement region (SE Poland)

13:30-13:50 Antonín Přichystal

(Department of Geological Sciences, Faculty of Science, Masaryk University, Brno, Czech Republic)

A Neolithic zoomorphic sculpture made of local chert at the Stránská skála Hill in Brno (Czech Republic)

13:50:14:00 Discussion

14:00-14:40 Meeting of UISPP Commission on Flint Mining in Pre- and Protohistoric Times

14:40-15:30 Lunch break

15:30-19:00 visiting Museum and mining sites

20:00 Conference dinner at the Archaeological Museum and Reserve "Krzemionki"

Friday 20.09.2019

Chairman: Antonín Přichystal

9:00-9:20 Anne Hauzeur¹⁻², Gilles Monin¹, Harold Lethrosne¹⁻³, Paul Fernandes¹⁻⁴, Vincent Delvigne¹⁻²⁻⁴

(¹SARL Paléotime, 6173 rue Jean Séraphin Achard Picard, 38350 Villard-de-Lans, France ; ²Service de Préhistoire, Université de Liège, place du XX août, 4000 Liège, Belgium ; ³UMR8215 - Trajectoire, Maison de l'archéologie et de l'ethnologie, 21 allée de l'Université, 92923 Nanterre ; ⁴UMR 5199 - PACEA, Université de Bordeaux, allée Geoffroy Saint Hilaire, 33615 Pessac, France)

Workshop places at Chessy (Dpt Seine-et-Marne, France) : contextual and technological aspects

9:25-9:45 Philip C. LaPorta, M.Phil., Margaret C. Brewer-LaPorta and Scott A. Minchak (The Center for the Investigation of Native and Ancient Quarries P.O. Box 2266, Middletown, New York U.S.A. 10940)

Geological Constraints on Prehistoric Bedrock Quarries in the Cambrian-Ordovician Carbonates of the New Jersey-New York Appalachians

9:50-10:10 Jehanne Affolter

(Ar-Geo-Lab, Dîme 86, CH-2000 Neuchâtel; Associate Member UMR Arthehis, University of Burgundy and IAW, University of Bern)

The siliceous raw materials in Switzerland, from Palaeolithic to Neolithic

10:15-10:35 Françoise Bostyn¹, Jean-Philippe Collin^{2,1}, Pierre Allard³, D. Binder⁴, Vincent Delvigne⁵, Paulo Fernandes⁶, Laurence Manolakakis⁷, Christophe Tuffery⁸, Céline Bressy⁹

¹Université Paris 1 - Panthéon-Sorbonne, UMR 8215; ²Université de Namur; ³CNRS, UMR 7055 - Préhistoire et Technologie; ⁴CNRS, UMR 7264 – CEPAM; ⁵UMR 5199 – PACEA, Université de Liège; ⁶Paléotime, UMR 5199 – PACEA; ⁷CNRS, UMR 8215 – Trajectoires; ⁸INRAP, UMR 7324 – CITERES; ⁹Ministère de la Culture, UMR 5608 - Traces

“GDR SILEX”: aiming to a better understanding and characterization of siliceous raw material. A French National Project, with international partnerships?

10:40-11:00 Maciej T. Krajcarz¹ and M. Sudoł-Procyk²

(¹Institute of Geological Sciences, Polish Academy of Sciences; ²Institute of Archaeology, Nicolaus Copernicus University in Toruń)

The deposits of chocolate flint in Kraków-Częstochowa Upalnd

11:00-11:15

Discussion and coffee break

Chairwoman: Jehanne Affolter

11:15-11:35 Michael Brandl¹, Christoph Hauzenberger, Peter Filzmoser and Gerhard Trnka¹

(¹Austrian Academy of Sciences; Institute for Oriental and European Archaeology (OREA); Raw Material Lab (Director); Hollandstraße 11-13; A-1020 Vienna)

Characterization of 'Rijckholt flint' and its position amongst Northern European flint types

11:40-12:00 Joep Orbons¹ and José Schreurs²

(¹ArcheoPro, St Jozefstraat 45, NL 6245 LL Eijsden, The Netherlands; Saxion University of Applied sciences, archaeological department, The Netherlands; ²Cultural Heritage Agency of The Netherlands, P.O. Box 1600, 3800 BP Amersfoort, The Netherlands)

Rijckholt flint mine: LIDAR and geophysics

12:05-12:25 José Schreurs and Jan-Willem de Kort

(Cultural Heritage Agency of the Netherlands)

Rijckholt, beyond the flint mines. An investigation of the surroundings of the neolithic flint mines of Rijckholt-St.Geertruid

12:30-12:50 Ernest Mols

(Oermuseum west-drenthe, Diever; Werkgroep vuursteen VAEE; Van Osstr. 4; 7981CA Diever; Netherlands)

Bringing old skills and artifacts to life. A century of excavations on the prehistoric flint mines of Rijckholt, St. Geertruid for a new public

12:55-13:15 Janusz Budziszewski¹, Witold Gruzdz², Michał Jakubczak³, Jakub Niebylski⁴, Michał Szubski³

(¹Independent searcher, ul. Muszłowa 5/10, 01-357 Warszawa; ²State Archaeological Museum in Warsaw, ul. Długa 52, 00-241 Warszawa; ³Institute of Archaeology UKSW in Warsaw, ul. Wóycickiego 1/3, 01-938 Warszawa; ⁴Institute of Archaeology and Ethnology Polish Academy of Sciences, Sławkowska 17, 31-016 Cracow)

Prehistoric flint exploitation in the area of Karniowice forest, Polish Jura

13:15-13:30

Discussion

Chairman: Michael Brandl

13:30-14:20

Poster session

Tadeusz Wiśniewski (Maria Curie-Skłodowska University Institute of Archaeology; Pl. Marii Curie-Skłodowskiej 4, 20-031 Lublin)

Turonian flints deposits on the right bank of the Vistula river in the light of a new Late Palaeolithic discoveries in the Lublin region (eastern Poland).

Blout Vincent (Service Regional de l'archaeologie, DRAC Grand Est 57045 Metz Cedex France)

A Mesolithic exploitation of chert at Alsting (Moselle, France)

Blout Vincent (Service Regional de l'archaeologie, DRAC Grand Est 57045 Metz Cedex France)

New data on the flint mines of Commercy and Saint-Mihiel (Meuse, France)

Tomasz Boroń (Institute of Archaeology and Ethnology Polish Academy of Sciences, Solidarności Avenue 105 00-140 Warsaw, Poland)

Tomaszów II, cut II. Exploitation and raw materials flint economy by Mesolithic communities

Wiel Schins and Joep Orbons (Dutch Geological Society Limburg section; St. Martinusstraat 30 6245 GE Eijsden, The Netherlands)

Rijckholt flint mine: new management

Zsolt Mester, Norbert Faragó, Attila Péntek and Réka Katalin Péter (Institute of Archaeological Sciences, Eötvös Loránd University, Múzeum krt. 4/B, 1088 Budapest, Hungary)

New investigations for reconstructing prehistoric human behaviour in raw material acquisition and use in Hungary

Adrien Reggio (Aix-Marseille Université – LAMPEA UMR7269, 5 rue du Château de l'Horloge, 13090, Aix-en-Provence)

Where are the workshops ? Spatial organization of lithic productions during the Middle Neolithic period in southeastern France

Hanna Kowalewska-Marszałek and Dagmara H. Werra (Institute of Archaeology and Ethnology Polish Academy of Sciences, Solidarności Avenue 105 00-140 Warsaw, Poland)

Investigating uses of Obsidian during the Neolithic in Poland – a case study from Sandomierz Upland

Anna Sokólska-Majchrzak, Sylwia Buławka, Iza Marszałek and Dagmara H. Werra (Institute of Archaeology and Ethnology Polish Academy of Sciences, Solidarności Avenue 105 00-140 Warsaw, Poland)

Open Resources in Digital Repository of Scientific Institutes (OzwrRCIN) – an online database for lithic materials

14:20-14:30 Françoise Bostyn – conference summary

14:30-15:30 **Lunch break**

15:30-19:00 **visiting Museum and mining sites**

Saturday 21.09.2019

7:00-18:00 **Excursion – Polish Jura**
- **The mine of chocolate flint in the Udorka Valley**
(Kraków-Częstochowa Upland)