

SESSION 1 – Raw material exploitation strategies – mining and surface collecting

Session organizers: **Xavier Terradas & Françoise Bostyn**

- **Tuesday 8th September – Aula Magna**

TIMING	AUTHORS	PRESENTATION TITLE
10:30 – 10:45	CÁNOVAS CALLE, Isabel ; TARRIÑO, Antonio	Siliceous raw material of Barranco León (Orce, Granada, Spain)
10:45 – 11:00	YAMANDU, Hilbert ; CRASSARD, Rémy	Nubian Levallois production system, raw material availability and variability in Arabia
11:00 – 11:15	FERNANDES, Paul ; DELVIGNE, Vincent; MONCEL, M.H.; DAUJEARD, C.; GUADELLI, J.L. ; SANTAGATA, C., BERNARD-GUELLE, S., WRAGG-SYKES, R., LE CORRE, M., LIABEUF, R., BINDON, P., RAYNAL, J.P.	Is there a socio-economic interpretation for the sustained exploitation of flint and the diversity of raw material sources used during the Middle Palaeolithic in the south-eastern Massif Central and adjacent Rhone valley?
11:15 – 11:30	ZARINA, Liga ; SEGLINS, Valdis	Shape evaluation in lithic analysis
11:30 – 12:00		
12:00 – 12:15	DOMINGO, Rafael ; MONTES, Lourdes, CUCHÍ, José Antonio, GARCÍA-SIMÓN, Luis Miguel, SÁNCHEZ DE LA TORRE, Marta	Local lithic raw material procurement in Mousterian times: Roca San Miguel campsite (north-eastern Iberia)
12:15 – 12:30	MOLINA, Fco. Javier; TARRIÑO, Antonio ; HERNÁNDEZ.GÓMEZ, Cristo; GALVÁN, Bertila	Geomorphological context and Middle Paleolithic procurement strategies for surface outcrops of Serreta flint, Serpis river basin (Alicante, Spain)
12:30 – 12:45	MATÍAS, Henrique ; AUBRY, Thierry; GAMEIRO, Cristina	Contrasting Middle and Upper Palaeolithic raw material sourcing in the Central Limestone Massif (Estremadura, Portugal)
12:45 – 13:00	GRIMALDI, Stefano ; SANTANIELLO, Fabio	Raw material procurement and land use in the northern Mediterranean arc during the Mousterian, Protoaurignacian and Gravettian at Riparo Mochi (Balzi Rossi, Italy)
13:00 – 13:15	KERNEDER GUBALA, Katarzyna	Chocolate flint mine in Oronsoko (southern Poland): new approaches
13:15 – 13:30		DISCUSSION
15:00 – 15:15	CASTAÑEDA, Nuria	Young knappers in the mine: the transmission of technological knowledge at the flint mine of Casa Montero (Madrid, Spain), C. 5300-5300 cal BC
15:15 – 15:30	COLLET, Hélène ; LAVACHERY, Philippe	Raw material exploitation strategies on the flint mining site of Spiennes
15:30 – 15:45	COLLIN, Jean-Philippe	“Mons Basin flint cie”: A status report on the flint mining sites of the Mons Basin during the Neolithic

15:45 – 16:00	DE LABRIFFE, Pierre Arnaud ; REGGIO, Adrien	Extraction sites at Vaucluse (France) between myth to reality: an initial approach
16:00 – 16:15	MANGADO, Xavier ; SÁNCHEZ DE LA TORRE, Marta; MARTÍNEZ-GRAU, Héctor; GONZÁLEZ-OLIVARES, Cynthia	Prehistoric chert mining evidence in Serra Llarga (Castelló de Farfanya, Spain)
16:15 – 16:30	RADZISZEWSKA, Katarzyna ; BUDZISZEWSKI, Janusz	Using airborne laser scanning data for mine surface relief studies: results from the “Borownia” prehistoric flint mine, central Poland
17:00 – 17:15	MURPHY, Andrea	Variability of lithic sites north of Melbourne, Victoria: A case study
17:15 – 17:30	MUHLEN-SCHULTE, Roark (DISTANCE)	In quartz we trust, when on high. Technological analysis of the lithic assemblage from 19 sub-alpine sites in Victorian Alps, Australia. Challenge the predicted model of lithic resource exploitation for Australia
17:30 – 17:45	SÁNCHEZ DE LA TORRE, Marta ; GARCÍA-SIMÓN, Luis Miguel; DOMINGO, Rafael; MANGADO, Xavier; MONTES, Lourdes	The chert workshop of Tozal de la Mesa (Alins del Monte, Huesca, Spain) and its exploitation in historical times
17:45 – 18:00		DISCUSSION

SESSION 2 – Ancient lithic trade and economics

Session organizer: Katalin Biró

- Wednesday 9th September – Aula Magna

TIMING	AUTHORS	PRESENTATION TITLE
09:00 – 09:15	AUBRY, Thierry ; GAMEIRO, Cristina; MANGADO, Xavier; LUÍS, Luís; MATÍAS, Henrique; DO PEREIRO, Tiago	Upper Palaeolithic social networks in Central and Northern Portugal as revealed by lithic raw material sourcing
09:15 – 09:30	HESS, Thomas	The rock shelter site Helga-Abri in Ach Valley: Lithic technology and raw material economy of Late Magdalenian groups
09:30 – 09:45	SOTO, María ; VALLVERDÚ, Josep	Characterization of the lithic resources of the Picamoixons site (Tarragona, NE Iberian Peninsula): catchment and mobility during the Pleistocene-Holocene boundary
09:45 – 10:00	SIVILLI, Sandra	Moving stones: first hypothesis about flint management in several Neolithic sites of Central Apulia (south-east Italy)
10:00 – 10:15	CRANDELL, Otis	An overview of the knapped stone economy at the Tartaria site (Romania)
10:15 – 10:30	HIRSCH, Klaus	The export of Heligoland flint in Prehistory with special focus on Danish finds
10:30 – 10:45		DISCUSSION
11:00 – 11:15	MANGADO, Xavier ; VAQUER, Jean, GIBAJA, Juan; OMS, Xavier; SÁNCHEZ DE LA TORRE, Marta; CEBRIÀ, Artur; GONZÁLEZ, Cynthia, MARTÍN, Araceli	New data concerning “large blades” in Catalonia: Apt-Forcalquier flint in the Gran Penedès (South of Barcelona) during the final Neolithic and Chalcolithic
11:15 – 11:30	SCARAMUCCI, Sem ; BERTOLA, Stefano; COSTANTINI, Armando; GIAMLLO, Marco; VOLPI, Vanessa; MORONI, Andrea	New challenges in the study of lithic raw materials in Central Italy at the dawn of metal working societies: the case of La Pietra and other radiolarite quarry-workshops in Tuscany
11:30 – 11:45	MANCLOSSI, Francesca	The specialized canaanean blade production and distribution system: a technological perspective of the economics of Early Bronze Age society
11:45 – 12:00	BULAWKA, Sylwia	Local or imported raw material? The study of the distribution of flint and chert in Dynastic Egypt (from the Middle Kingdom to the end of Roman period)
12:00 – 12:15	TYKOT, Robert ; FREUND, Kyle P.; BROWN, Keri A.; FORENBAHER, Staso; PERHOC, Zlatko	Lithic movement and exchange across the Adriatic: PXRf analysis and interpretation of prehistoric obsidian and chert in Italy and Croatia
12:15 – 12:30	VIANELLO, Andrea ; TYKOT, Robert; FREUND, Kyle P.	Exchange networks from Close-up: The case of Lipari obsidian

12:30 – 12:45	SELVI, Bengi Basak	Kura-Araxes obsidian: sources and trade in the Early Bronze Age
12:45 – 13:00	VALENZUELA, Leslye; VALENZUELA, Christian	Processing techniques of the knapped stone production at Yurac Corral archaeological site (Ayacucho – Perú): relationships between the geology, the regional volcanism and stone tool production at the end of the Middle Holocene
13:00 – 13:15	FRANCO, Nora Viviana; VETRISANO, Lucas (DISTANCE)	Difficulties and results in the assessment of lithic raw material availability: two cases from South Patagonia (Argentina)
13:15 – 13:30	FERNÁNDEZ, María Victoria (DISTANCE)	Obsidian in Patagonia: A social map of a long distance rock in hunter-gatherer contexts
13:30 – 14:00		DISCUSSION

SESSION 3 – Stone tool production and processing techniques

Session organizers: Killian Driscoll & Dídac Roman

- Thursday 10th September – Aula Magna

TIMING	AUTHORS	PRESENTATION TITLE
09:00 – 09:15	VADILLO CONESA, Margarita	Flintknapping in the Pleistocene-Holocene transition. Hammerstones from Spanish Mediterranean region
09:15 – 09:30	GRANADOS, Tina	Transferable technologies: from one raw material to the next (?)
09:30 – 09:45	BOGDANA, Milic	Raw material choice matters – obsidian vs. chert lithic technology at Neolithic Çukuriçi Höyük in Western Anatolia
09:45 – 10:00	POTTENTAVIDA, Ajithprasad	Early Harappan disc beads and stone knapping innovations
10:00 – 10:15	GADEKAR, Charusmita	A comparison of lithic assemblages belonging to economically diverse settlements flourishing during mid-third millennium BCE Gujarat
10:15 – 10:30	LÓPEZ RODRÍGUEZ, María Cristina	Breaking rocks: configuration systems of lithic tools in recent prehistory
10:30 – 10:45	UEMINE, Atsushi	Lithic debitage study and organization of settlement in Neolithic Western Japan
10:45-11:00		DISCUSSION & coffee break
11:00 – 11:15	ASAI, Takua	Stone tools have traces of the knappers' habit
11:15-11:30	NARANJO MAYOR, Yurena	The Barranco Cardones workshop (Arucas, Gran Canaria). An example of knapping vesicular basalt for making rotary querns
11:30 – 11:45	NASSR, Ahmed	From Acheulean to MSA stone tool production and processing techniques changes in the Sudan, from the eastern desert of lower Atbara River
11:45 – 12:00	HISCOCK, Peter	Variability in Middle Stone Age core reduction in Southern Africa
12:00 – 12:15	MALGORZATA, Kot	Raw material procurement and its consequences for knapping technology in the Middle Palaeolithic site of Katta Sai, western Tian Shan piedmonts (Uzbekistan)
12:15 – 12:30	FRICK, Jens Axel	Late Middle Paleolithic industries of Grotte de la Verpillière II (Saône-et-Loire, France)

12:30 – 12:45	MARCIANI, Giulia	Import – export and production: Middle Paleolithic technical behavior at the Su 13 of Oscurusciuto Rock Shelter, Southern Italy
12:45 – 13:00	ROMAGNOLI, Francesca	Technical ruptures in Abric Romaní Middle Palaeolithic site: a multidisciplinary approach to identify Neanderthal technology and socio-economic organisation
13:00 – 13:15	GODER GOLDBERGER, Mae	The exploitation of obsidian in the Central Plateau of Santa Cruz, Argentina
13:15 – 13:30	RODRIGUEZ RELLÁN, Carlos	Stone tool production in Northwestern Spain: some insights on the specifics of the quartz group
		LUNCH TIME
15:15 – 15:30	GARCIA ROJAS, Maite	Knappers of the Bajo Deba. The Upper Magdalenian lithic production dynamics at the Aizkoltxo Cave (Mendaro-Gipuzkoa).
15:30 – 15:45	SANTANIELLO, Fabio	A technological overview of the Noaillian Gravettian of Riparo Mochi (Balzi Rossi, Italy)
15:45-16:00		Final DISCUSSION

SESSION 4 – Use-wear analyses - signs of usage on stone tools (a.k.a. traceology)

Session organizers: Ignacio Clemente & Juan Gibaja & Juan José Ibáñez

- Wednesday 9th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
09:00 – 09:15	LÓPEZ-ORTEGA, Esther; PEDERGANNA, Antonella; OLLÉ, Andreu, RODRÍGUEZ, Xosé Pedro	What is a nice flake like you doing in a place like this? Use-wear and refit analysis join to study the quartzites of Middle Pleistocene Td10.1 level of Gran Dolina site (Sierra de Atapuerca, Burgos, Spain)
09:15 – 09:30	BERRUTI GABRIELE, Luigi Francesco; CURA, Sara	User wear analysis of quartzite lithic implements From the Middle Paleolithic site of Lagoa do Bando (Central Portugal)
09:30 – 09:45	JARDON GINER , Paula, HORTELANO, Laura, GALVÁN, Bertila	Functional analysis of lithic pointed elements of El Salt
09:45 – 10:00	CLEMENTE CONTE, Ignacio, BOËDA, Eric., FARIAS, Maria	Use wear and haft evidences on quartz tools from Vale da Pedra Forada site (Piauí, Brazil)
10:00 – 10:15	DOMINGO, Rafael	Tool function and human behaviour in Fuente del Trucho (Huesca, Spain)
10:15 – 10:30	FERNÁNDEZ MARCHENA, Juan Luis, OLLÉ, Andreu, MANGADO, Xavier	Functional approach to the rock crystal technology in high mountain environments. The case of Montlleó (Prats i Sansor, La Cerdanya, Catalunya)
10:45 – 11:00	GARCÍA-DIAZ, Virginia	Toolkits, chaînes opératoires and cross craft interaction in the domestic Single Grave

		Culture: and approach through functional analysis
11:00 – 11:15	BOGOSAVLJEVIC PETROVIC, Z. Vera (DISTANCE)	An archaeological experiment and new knowledge about the chipped stone industry from Vinča culture
11:15 – 11:30	IBAÑEZ, Juan José ; ANDERSON, Patricia, GONZÁLEZ URQUIJO, Jesús, GIBAJA, Juan	Using texture quantification of sickle gloss through confocal microscopy to study the origins of agriculture in the near east
11:30 – 11:45	ANDRADE GONZÁLEZ, Israel ; CABADAS BAÑEZ, Héctor Víctor; PUNZO DIAZ, José Luis; LAILSON TINOCO, Becket	The Spike Scraper of the Guadiana valley, Durango (Mexico): use and function in the Chalchihuites culture
11:45 – 12:00	FERNÁNDEZ MARCHENA, Juan Luis , OLLÉ, Andreu, SEOANE NOVO, Cristina, RODRÍGUEZ NÓVOA, Alba Antía, AMADO RODRÍGUEZ, Estevo, PÉREZ TENORIO, R.	Traceological analysis of a singular artifact. The rock crystal point from O Achadizo (Boiro, A Coruña, Galicia).
12:00 – 12:30		DISCUSSION

SESSION 5 – Microcrystalline quartz as a geological material

Session organizers: Patrick Julig & George “Rip” Rapp

-

Wednesday 9th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
13:00 – 13:15	OKKONEN, Jari; PANTTILA, Hannu	Determining chemical characteristics and markers of Neolithic quartz artifacts and debitage using portable XRF: results from the Kuivaniemi Mustamaa site in Northern Finland
13:15 – 13:30	DAIF, Menana ; ARAFA, Ahmed	Main features of microcrystalline quartz from Miocene igneous rocks of north west of Annaba (Algeria)
13:30 – 13:45	VALENZUELA, Christian	Microcrystalline quartz on Wiscachanayoc Hill (Ayacucho, Perú): characterizing the local raw material and its importance in geological and archaeological contexts
13:45 – 14:00		DISCUSSION

SESSION 6 – Characterising lithic sources

Session organizers: Adrian L. Burke & Patrick Julig & George “Rip” Rapp

- Thursday 10th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
09:00 – 09:15	KARAGEORGIU, Stamatia ; KOSTAKI, Aikaterini; VAVELIDIS, Michail; ANDREOU, Stelios	Raw material sources of knapped stone tools from the excavation of the prehistoric site at Toumba Thessaloniki, Greece
09:15 – 09:30	SARIC, Kristina ; ERAMO, Giacomo; DE BENEDETTO, Giuseppe; PENNETTA, Antonio; GAJIC, Violeta; JOVANOVIC, Divna	Cherty rocks from the territory of Serbia as potential raw material for knapped stone artefacts
09:30 – 09:45	SARIC, Kristina ; SARIC, Josip; CVETKOVIC, Vladica; GAJIC, Violeta	Heterogeneity of knappable raw material used for chipped stone artifact production at the Mesolithic site of Lepenski Vir (Serbia)
09:45 – 10:00	ALEXANDRESCU, Emilian Dumitru ; STANCULESCU, Ioana	Compositional analysis of the chert industry at the Palaeolithic site of Girgiu-Malu Rosu (Romania) by vibrational spectroscopy
10:00 – 10:15	WERRA, Dagmara ; SIUDA, Rafal	The mineral composition of “Chocolate flint” compared to other varieties of chert from central and southern Poland used by prehistoric communities
10:15 – 10:30	ERAMO, Giacomo ; MUNTONI, Italo, M., TARANTINI, Massimo; MONNO, Alessandro; DE BENEDETTO, Giuseppe; PENNETTA, Antonio	Gargano cherts: multiparametric protocol for provenance determination
10:30 – 10:45		DISCUSSION
11:00 – 11:15	FERNANDES, Paul ; PIBOULE, Michel; THIRY, Médard ; LEANDRI, Céline ; LE BOURDONNEC, François-Xavier ; TALLET, PASCAL ; RAYNAL, Jean-Paul	Chert in its diverse natural occurrences: geo-tools for a better definition of the sourcing of secondary outcrops

11:15 – 11:30	BUXEDA, Jaume; KILIKOGLU, Vassilis; RODRÍGUEZ, Amelia del Carmen; NARANJO MAYOR, Yurena; DEL PINO CURBELO, Miguel; MADRID FERNÁNDEZ, Marisol; GALVÁN SANTOS, Bertila	The archaeometric study of obsidian from Gran Canaria (Canary Islands, Spain): new results, new directions
11:30 – 11:45	REY-SOLÉ, Mar; ACHE, M.; FIERRO, E.; EDO, M., ALÍAS, G.M., MANGADO, X.	First archaeopetrological approximation of the provenance of the Neolithic axes and other artifacts from the Can Sadurní Cave (Begues, Baix Llobregat)
11:45 – 12:00	DOMINGO, Rafael; GARCÍA-SIMÓN, Luis M.; MONTES, Lourdes	The marine chert from las Lezas (Biel, Zaragoza) and its prehistoric exploitation
12:00 – 12:15	GARCÍA-SIMÓN, Luis Miguel	Monegros-type chert: petrographic characterization and prehistoric usage
12:15 – 12:30	HERRERO ALONSO, Diego; NEIRA CAMPOS, Ana; TARRIÑO VINAGRE, Antonio; FUERTES PRIETO, Natividad	The Vegamian formation: characterization of a source of supply of potential lithic raw material during Prehistory in the Cantabrian mountains
12:30 – 12:45	FUERTES, Natividad; FERNÁNDEZ, Esperanza; GÓMEZ, Fernando; ALONSO, Eduardo; HERRERO, Diego; NEIRA, Ana	The Escalada Formation: characterization of a potential supply source of chert during Prehistory in Cantabrian mountains (NW Spain)
12:45 – 13:00	MIRAO, Jose; COSTA, Mafalda; BARRULAS, Pedro; OLIVEIRA, Jorge; ROCHA, Leonor	Lithic arrowheads: siliceous raw material sources and technology in Central Alentejo, Portugal
13:00 – 13:15	DRISCOLL, Killian; BURKE, Adrian; BARON, Anne; WARREN, Graeme; BERGH, Stefan	The Irish lithic landscape project: chert provenancing research in prehistoric Ireland
13:15 – 13:30		DISCUSSION
15:15 – 15:30	JULIG, Patrick; PETRUS, Joe	Sourcing of north American Huron great lakes basin Early Holocene chert artifacts by LA-ICP-MS
15:30 – 15:45	PARISH, Ryan M.	Chert characterization using reflectance spectroscopy
15:45 – 16:00	COSTA, M. Lima; PANTOJA, Heliana; SILVEIRA, Maura I.; RODET, Maria J.; ANGELICA, R.S.; PAZ, Simone P.A.;	Mineralogy and chemical composition of lithic artifacts for identification of provenance in Salobo archaeological sites, Carajás mineral province, Pará, Brazil

	RODRIGUES, Suyanne F.S.	
16:00 – 16:15	BARRIENTOS, Gustavo ; BELARDI, Juan Bautista; CARBALLO, Flavia; CATELLA, Luciana; OLIVA, Fernando	Geostatistical models of artifact relative frequency data and the sourcing of knappable materials: two case studies from Patagonia an the Pampas of Argentina
16:15 – 16:45		DISCUSSION

SESSION 7 –Lithotheques – collections of comparative raw materials

Session organizers: Katalin Biró & Otis Crandell & Xavier Mangado

- Thursday 10th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
17:00 – 17:15	DRISCOLL, Killian ; BURKE, Adrian; WARREN, Graeme	The irish lithic landscapes lithotheque
17:15 – 17:30	PEREIRA, Telmo ; FARIAS, Anne; ANDRADE, Catarina	Presenting Lusolit: the portuguese lithotheque of knappable raw materials
17:30 – 17:45	BRESSY-LEANDRI, Céline ; MELOSU, Barbara; LUGLIÈ, Carlo; FERNANDES, Paul	Flint sources and their usage in Sardinia: recent advances
17:45 – 18:00	SCARAMUCCI, Sem ; MODESTI, Valerio; PERESANI, Marco; PIERUCCINI, Pierluigi; ROLGO, Mario Federico	Evaluating lithic raw material potential in a context of geological complexity: the case of the lithic raw material reference collection from the Monte Amiata and Mount Cetona ridges (southern Tuscany, Italy)
18:00 – 18:15	SIEGERIS, Markus	Lithic raw material sources of southern Germany
18:15 – 18:30	BIRÓ, Katalin T.	Towards “Lithotheca III”
18:30 – 18:45	BOSE, Paromita (DISTANCE)	A textual survey of different raw materials utilized in the manufacturing of prehistoric polished stone tools in Eastern India
18:45 – 19:00		DISCUSSION

SESSION 8 –Gemology – obsidian and quartz as gemstones

Session organizer: Xavier Mangado

-

Tuesday 8th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
17:00 – 17:15	EDMONDS, Vanessa	Sorcery and ceremony and the association with quartz
17:15 – 17:30	MARTÍNEZ-SEVILLA, Francisco ; MORGADO, Antonio; JIMÉNEZ-COBOS, Francisca; GUTIÉRREZ RODRÍGUEZ, Mario; LÓPEZ GARCÍA, Antonio; LOZANO RODRÍGUEZ, José Antonio	Knapping metamorphic dolomite to make bracelets: methods and techniques of knapping in the bracelets quarry of Cortijo Cevico (Loja, Granada)
17:30 – 17:40		DISCUSSION

SESSION 9 – Experimental flint knapping

Session organizers: Javier Baena & Martin Schmidt

- Tuesday 8th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
17:45 – 18:00	BUSTOS PÉREZ, Guillermo	Experimental insights into differential heat impact among lithic artifacts
18:00 – 18:15	CASTAÑEDA, Nuria	A few good blades: experimental tests on productivity of blade cores from the Casa Montero Early Neolithic flint mine (Madrid, Spain)
18:15 – 18:30	LAMAS NAVARRO, Víctor ; TORRES NAVAS, Concepción, BAENA PREYSLER, Javier; CUARTERO MONTEAGUDO, Felipe; DÍAZ, Sara; DE LA SOTA, Paloma; MICHOS, Foivos	Experimental study on flint hammers use in Acheulean and Mousterian workshop assemblages in the center of the Iberian Peninsula
18:30 – 18:45	GRIMALDI, Stefano ; CURA, Pedro	Impact fractures: an experimental procedure
18:45 – 19:00	CRASSARD, Rémy ; VOSGES, Jérémie	Experimental investigation of fluting technology in Southern Arabia
19:00 – 19:15	ELBURG, Rengert	Water and flint – “water treatment” and “fresh flint”, two contradictory concepts?
19:15 – 19:30	HARWOOD, Ray ; CRANDELL, Otis	Practical applications of Dekton artificial rock for experimental archaeology and traditional lithic technology
19:30 – 19:45	VORNICU, Diana-Mariuca ; CHIRICA, Vasile; BODI, Goerge (DISTANCE)	Experimental approaches to investigating the Chaîne opératoire of a Gravettian pendant from Mitoc – Malu Galben, Romania
19:45 – 20:00		DISCUSSION

SESSION 10 – Stirring the wheel on human behavior: Mechanical devices for testing material performance

Session organizers: Telmo Pereira & Joao Marreiros

- Tuesday 8th September – Aula Magna

TIMING	AUTHORS	PRESENTATION TITLE
18:00 – 17:15	MARREIROS, Joao ; PEREIRA, Telmo; MARTINS, Rui	Edge reduction variability in quartzite and chert: experimental results using a mechanical device to control multiple variables
18:15 – 18:30	RODRÍGUEZ-RELLÁN, Carlos ; LANTES SUÁREZ, Óscar; FEAL-PÉREZ, Alejandra; BLANCO-CHAO, Ramón, DE LOMBERA HERMIDA, Arturo; FÁBREGAS VALCARCE, Ramón	The equotip hardness tester: an unaggressive method for assessing the homogeneity of lithic raw materials
18:30 – 18:45	PFLEGING, Johannes ; IOVITA, Radu; STUCHELI, Marius; BUCHLI, Jonas	Evaluating the feasibility of robot-aided microwear analysis: preliminary results of the Robocut project
18:45 – 19:00	LIN, Sam C. ; REZEK, Zeljko; DIBBLE, Harold L. (DISTANCE)	Experimental design and inference in lithic studies: a controlled experiment perspective
19:00 – 19:30		DISCUSSION

SESSION 11 – Gunflints: production, distribution and use

Session organizer: Otis Crandell

-

Tuesday 8th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
12:50 – 13:05	BUDZISZEWSKI, Janusz ; SZUBSKI, Michal; JAKUBCZAK, Michal	Gunflint oriented flint mines in southern Poland revealed by Airborne Laser Scanning: first approach to the study of modern flint mining in Poland
13:05 – 13:30		DISCUSSION

SESSION 12 – Silcrete as a lithic raw material in global context: geology, sourcing and techno-economics

Session organizer: Rebecca Wragg Sykes

- Tuesday 8th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
15:00 – 15:15	WILL, Manuel ; MACKAY, Alex	What factors govern the procurement and use of silcrete during the Middle Stone Age of the Western Cape in Southafrica?
15:15 – 15:30	WRAGG SYKES, Rebecca ; DELVIGNE, Vincent, FERNANDES, Paul, LAFARGE, Audrey, PIBOULE, Michel, LIABEUF, Rene, RAYNAL, Jean-Paul	The exploitation of silcrettes during the Middle and Upper Palaeolithic in the Massif Central, France: rare silicified materials in a volcanic context
15:30 – 15:45	SCHMIDT, Patrick	Heat treatment of silcrete: thermal transformations, heating parameters and implications for the South African MSA
15:45 – 16:00	TABRETT, Amy	The use of bipolar percussion to detach Levallois flakes at Howiesons Poort Shelter, South Africa
16:00 – 16:15	HISCOCK, Peter ; TABRETT, Amy	Silcrete reduction processes in the Australian desert
16:15 – 16:30	DOELMAN, Trudy ; WEBB, John (DISTANCE)	Australian silcrettes: geological and archaeological variation in procurement and manufacture
16:30 – 16:45		DISCUSSION

SESSION 13 – Obsidian – methodological issues of obsidian provenance studies and a new perspective of archaeological obsidian

Session organizer: Robert H. Tychot

- Tuesday 8th September – Sala Gran

TIMING	AUTHORS	PRESENTATION TITLE
10:30 – 10:45	ALLARD, Pierre; KLARIC, Laurent; HROMADOVA, Bibiana	New study of obsidian blades debitage at Kasov-Cepegov I (Bukk culture), Slovakia
10:45 – 11:00	BONSALL, Clive; BORONEAN, Adina	Provenancing of archaeological obsidians from prehistoric Romania: the current state of research
11:00 – 11:15	BURGERT, Pavel	The obsidian chipped stone industry in the Prehistory of Bohemia (Czech Republic, central Europe)
11:15 – 11:30	MARKÓ, András	Obsidian in the Danube bend: use of a long distance raw material in the Epigravettian period
11:30 – 11:45	WADA, Keiji; SANO, Kyohei; GOTO, Yoshihiko	Characteristics of rock micro-texture of obsidian for some obsidian sources of the islands of Japan
11:45 – 12:00	HOCSMAN, Salomon; ESCOLA, Patricia Susana; BABOT, María del Pilar	Obsidian provenance during the transition to food production in Antofagasta de la Sierra (Southern Argentinean Puna, south-central Andes), 4500 – 1100 BP
12:00 – 12:15	CARDILLO, Marcelo; ALBERTI, Jimena; FAVIER DUBOIS, Cristian M.; STERN, Charles (DISTANCE)	Obsidian in the northern coast of Patagonia (San Matías Gulf, Argentina)
12:15 – 12:45		DISCUSSION