



October, 23rd 2019

Dear Colleagues,

We present to you our third newsletter with more details on the upcoming 2020 UISPP congress in Meknes. The next UISPP congress after Meknes is scheduled to take place in Timisoara, Romania, 2023 as it was decided at the Executive Meeting of the UISPP at the same place end of September. Please find a report on this meeting on page 2, other conference news on page 2, publications news on page 3 and research news on page 6.

With our best wishes

Carolina, Chris and Mareike*

Contact us via Email pyroarchaeology@gmail.com

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* responsible for this newsletter

UISPP Executive Meeting in Timisoara, Sept 27-28th, 2019

A detailed protocol of this meeting was send to all official/paying members and here are the main points of this meeting:

- It was decided that the next congress, after Meknes, will be in Timisoara, September 2023.
- Credit car payments for membership and congress participation fees are in the process of being set up. There is also the possibility of institutional memberships and a new website is coming soon.
- 22 sessions of the Paris meeting are in the process of being published, mainly in the new Journal of the Society, the UISPP Journal, and Archaeopress

Conference News

The **ESHE Meeting** (European Society for Human Evolution) took place in Liège, Belgium, last month and had some very nice posters on pyroarchaeological research: new mXRF analyses of the Kebara hearths, preservation issues of combustion residues and several experimental posters on heating silcrete, other non-flint lithic raw materials to the making of fire. We had a small commission meeting at the ESHE meeting (Chris, Susan, Andy and me) with the main topics being efforts in increasing our membership, the upcoming Special Issue and the Meknes UISPP congress.

There is going to be another **Trial by Fire Conference**, this time at the University of Liverpool, May 2020.

Next year's **XIX UISPP congress** will take place in **Meknes, Morocco** from **September 1st to September 6th**. The session proposal deadline will be end of this month/next week and we are proposing two sessions and would be very happy to see you many of you participating in these:

- Pyroarchaeology in hunter gatherer contexts to sedentary and complex societies
- Let it burn! Experimental and Ethnoarchaeological Approaches in Pyroarchaeology

There will be a large outdoor area for hanging up posters at this meeting, so no repetition of the Paris meeting. Abstract submission is scheduled to start in December. We will have another **Commission meeting** at the UISPP meeting in Meknes, 2020! More on that with the next newsletter.

The **XX UISPP congress** will take place in **Timisoara, Romania, September 2023**.

We will have further commission workshops and meetings in the gap years 2021 and 2022 and will keep you informed on that.

Publication News

- Asscher, Y., Boaretto, E., 2019. Charred micro-particles characterization in archaeological contexts: Identifying mixing between sediments with implications for stratigraphy. *J. Archaeol. Sci.* 107, 32–39. <https://doi.org/10.1016/j.jas.2019.04.007>
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- Dupin, A., Sordoillet, D., Fréville, K., Girardclos, O., Gauthier, E., 2019. The taphonomic characterization of a charcoal production platform. Contribution of an innovative pair of methods: Raman analysis and micromorphology. *J. Archaeol. Sci.* 107, 87–99. <https://doi.org/10.1016/j.jas.2019.05.003>
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- Francés-Negro, M., Carrancho, Á., Pérez-Romero, A., Arsuaga, J.L., Carretero, J.M., Iriarte, E., 2019. Storage or cooking pots? Inferring pottery use through archaeomagnetic assessment of palaeotemperatures. *J. Archaeol. Sci.* 110, 104992. <https://doi.org/10.1016/j.jas.2019.104992>
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- Huisman, D.J., Niekus, M.J.L.Th., Peeters, J.H.M., Geerts, R.C.A., Müller, A., 2019. Deciphering the complexity of a ‘simple’ mesolithic phenomenon: Indicators for

- construction, use and taphonomy of pit hearths in Kampen (the Netherlands). *J. Archaeol. Sci.* 109, 104987. <https://doi.org/10.1016/j.jas.2019.104987>
- Jambrina-Enrriquez, M., Herrera-Herrera, A.V., Rodríguez de Vera, C., Leierer, L., Connolly, R., Mallol, C., 2019. n-Alkyl nitriles and compound-specific carbon isotope analysis of lipid combustion residues from Neanderthal and experimental hearths: Identifying sources of organic compounds and combustion temperatures. *Quat. Sci. Rev.* 222, 105899. <https://doi.org/10.1016/j.quascirev.2019.105899>
- Kedar, Y., Barkai, R., 2019. The Significance of Air Circulation and Hearth Location at Paleolithic Cave Sites. *Open Quat.* 5, 4. <https://doi.org/10.5334/oq.52>
- Larbey, C., Mentzer, S.M., Ligouis, B., Wurz, S., Jones, M.K., 2019. Cooked starchy food in hearths ca. 120 kya and 65 kya (MIS 5e and MIS 4) from Klasies River Cave, South Africa. *J. Hum. Evol.* 131, 210–227. <https://doi.org/10.1016/j.jhevol.2019.03.015>
- Leierer, L., Jambrina-Enrriquez, M., Herrera-Herrera, A.V., Connolly, R., Hernández, C.M., Galván, B., Mallol, C., 2019. Insights into the timing, intensity and natural setting of Neanderthal occupation from the geoarchaeological study of combustion structures: A micromorphological and biomarker investigation of El Salt, unit Xb, Alcoy, Spain. *PLOS ONE* 14, e0214955. <https://doi.org/10.1371/journal.pone.0214955>
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- Nanavati, W.P., Whitlock, C., Iglesias, V., de Porras, M.E., 2019. Postglacial vegetation, fire, and climate history along the eastern Andes, Argentina and Chile (lat. 41–55°S). *Quat. Sci. Rev.* 207, 145–160. <https://doi.org/10.1016/j.quascirev.2019.01.014>
- Niekus, M.J.L.Th., Kozowyk, P.R.B., Langejans, G.H.J., Ngan-Tillard, D., van Keulen, H., van der Plicht, J., Cohen, K.M., van Wingerden, W., van Os, B., Smit, B.I., Amkreutz, L.W.S.W., Johansen, L., Verbaas, A., Dusseldorp, G.L., 2019. Middle Paleolithic complex technology and a Neandertal tar-backed tool from the Dutch North Sea. *Proc. Natl. Acad. Sci.* 201907828. <https://doi.org/10.1073/pnas.1907828116>
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- Zeigen, C., Shaar, R., Ebert, Y., Hovers, E., 2019. Archaeomagnetism of burnt cherts and hearths from Middle Palaeolithic Amud Cave, Israel: Tools for reconstructing site formation processes and occupation history. *J. Archaeol. Sci.* 107, 71–86. <https://doi.org/10.1016/j.jas.2019.05.001>

Upcoming Publications

Several papers from the 2018 UISPP session IV-4 “Fire as an artifact” will appear in a Special Issue on this session in the Journal of Paleolithic Archaeology. We are planning to continue publishing UISPP sessions on pyroarchaeology organized by the commission.

Research News

Congratulations to Andy Sorensen, who was awarded a three-year Veni Innovative Research Incentives Scheme grant from the Netherlands Organisation for Scientific Research (NWO). The title of his grant is “Into the cold: The adaptive role of pyrotechnology among the earliest modern humans in Europe, ca. 45,000–20,000 years ago” promising more exciting research.