

WORKSHOP ON RESIDUES AND HAFTING (JUNE, 2nd- 4th, 2015)

June, 2nd : Residues and analytical procedures

09:30 Introduction (vegetal, animal & mineral residues) – Veerle ROTS (University of Liège).

09:45 Plant residues: procedures, potential and limitations of starch and phytolith analysis – Carol LENTFER (University of Liège).

10:15 Hafting adhesives on lithic and bone tools during prehistory: methodological issues, experimentation and synthesis of current knowledge – Martine REGERT (CNRS, University of Nice, France).

11:15 Discussion

11:30 Optical, biochemical and elemental approaches to tool residue characterization – Elspeth HAYES (University of Wollongong, Australia).

12:00 Protocols for extracting residues from stone tools – Dries CNUTS (University of Liège).

12:30 Discussion

12:45 Lunch

14:15 What you see is what there was? Residue preservation, taphonomy and post-excavation treatment – Geeske LANGEJANS (University of Leiden, The Netherlands).

14:45 Breaking the code of cadaveric decomposition – Pierre-Hugues STEFANUTO & Jef FOCANT (University of Liège).

15:15 Discussion

15:45 Contribution of Raman spectroscopy and FT-IR for the identification of organic matter and their alteration – Ludovic BELLOT-GURLET (Sorbonne University, France).

16:30 Fifty shades of red. Multiple origins of ferruginous residues staining prehistoric remains – Hélène SALOMON (University of Liège).

17:00 Discussion

17:30 Drinks

June, 3rd : Hafting in context

09:30 Introduction: Palaeolithic stone tool hafting – Veerle ROTS (ULg)

10:00 Integrative technologies of the Middle Pleistocene as precursors to hafting – Larry BARHAM (University of Liverpool, UK)

11:00 Discussion

11:20 When the handle is set in stone? – Marie SORESSI (University of Leiden, the Netherlands)

12:00 Discussion

12:40 Lunch

14:00 – 17:50 TraceoLab at work

14:00 Reflections on tangs and other morphological adaptations that may be hafting-related – Sonja TOMASSO & Noora TAIPALE (University of Liège)

14:30 Reflections on how to haft projectiles in practice: a struggle between toughness and morphological potential – Justin COPPE & Christian LEPERS (University of Liège)

15:00 Preserved Neolithic hafted tools and lessons to learn for understanding the evolution of hafting – Jimmy LINTON (University of Liège)

15:20 Discussion

15:35 Multiple modernities: thinking beyond a laundry list of stone tool functions – Richard FULLAGAR (University of Wollongong, Australia)

16:35 Discussion

16:50 The social and cognitive foundations of hafting – Larry BARHAM (University of Liverpool, UK)

17:50 Final discussion

18:15 Drinks

4th of June: Hafting in practice: experimentation and analysis

(Practical part of the workshop and lab work – no formal lectures)

Morning session on hafting

10:00 Hafting wear: characteristics and analytical protocols – Veerle ROTS (ULg)

11:00 Hafting residues: extraction tests, experiences, best practices – Dries CNUTS (ULg), Elspeth HAYES & Richard FULLAGAR (University of Wollongong, Australia)

12:30 Discussion

12:45 Lunch

Afternoon session on experimentation

14:00 Hafting experiments: experiences and best practices – TraceoLab team (ULg)

15:00 Projectile experiments: set-up and best practices – Justin COPPE & Christian LEPERS (ULg)

16:30 Laboratory: analytical protocols for projectile analysis – Veerle ROTS & Justin COPPE (ULg)

17:00 Closing discussion