

Monday June 30, 2025		Tuesday July 1, 2025		Wednesday July 2, 2025				Thursday July 3, 2025				Friday July 4, 2025				Saturday July 5, 2025									
Location	Amphi B5 PABA	Amphi B5 PABA Lectures Morphometrics	Amphi B5 PABA Epigraphy				Room Archéovision	Imaging & Informatic rooms (B8)	B2 R+4	UBM - J019	PC Room Archéovision	Imaging & Informatic rooms (B8)	B2 R+4	UBM - J019											
8h15-8h30	Welcome / Registration						Macroscale	Morphometrics	Microscale	Epigraphy	Macroscale	Morphometrics	Microscale	Epigraphy	Meeting point: B8 at 8h15 departure by bus										
8h30-8h45																									
8h45-9h	Welcome Speech A. Le Cabec	An Introduction to Morphometrics. From traditional to geometric morphometrics - The concepts of shape & form - Landmarking and sample size - A discussion on ordination. L. Courtenay	Digital approaches to Epigraphy: Introduction - Alberto Dalla Rosa				Point cloud and mesh manipulation - crop, register, meshing, cuts - K. Genuite	Practice - Data segmentation on Avizo & 3DSlicer - A. Thibeault + Y.Heuzé (GROUPS)	Practice - confocal microscopic acquisition L. Doyon + A. Queffelec	Data Representativit y - A. Dalla Rosa + N. Prévot	Dissemination: computed VS realtime - video rendering and editing, game engine for VR - L. Espinasse + F. Daniel	Practice - Morphometric analyses on R - S. Bedecarrats + F. Santos	Extract textual data; Data comparison with the ExOsTechBank. (Licence DigitalSurf to be requested - participants must bring their PC and download R on it) - L. Doyon	Spatial analysis of historical and epigraphic data - C. Culioli + C. Coutelier (début à 9h)	Fieldwork - La Chaise										
9h-9h15	Keynote - P. Bayle (PACEA) From the field to the laboratory: 3D imaging in archaeological sciences																								
9h15-9h30																									
9h30-9h45																									
9h45-10h																Open Science A. Queffelec									
10h-10h15	Epistemology of the Digital Revolution M. Lequin						Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break											
10h15-10h30																									
10h30-10h45	Coffee Break	Coffee Break	Advanced statistical approaches to epigraphic data - Alberto Dalla Rosa + Pierre Guérin				3D to 2D with GIS - Georeferencing, GIS, Raster, ortho-image - K. Genuite	Continuation	Continuation	Continuation	Continuation + VR demo	Continuation	Continuation	Continuation											
10h45-11h																									
11h-11h15																									
11h15-11h30		A presentation on landmarks-free methods - L. Courtenay & N. Martin	Lunch for all				Lunch for all	Lunch for all	Lunch for all	Lunch for all	Lunch for all	Lunch for all	Lunch for all	Lunch for all	Lunch for all										
11h30-11h45																									
11h45-12h																									
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13h30-13h45		Amphi B5 PABA Lectures Microscale	Room Archéovision	Amphi B5 PABA	PACEA microscopy + B2 R+4 salle de réunion	Pierre Paris - Maison de l'archéologie	Room Archéovision	Imaging & Informatic rooms (B8)	B2 R+4	UBM - J019	PC Room Archéovision	Imaging & Informatic rooms (B8)	B2 R+4	UBM - J019											
13h45-14h			Macroscale	Morphometrics	Microscale	Epigraphy	Macroscale	Morphometrics	Microscale	Epigraphy	Macroscale	Morphometrics	Microscale	Epigraphy											
14h-14h15	Amphi B5 PABA Lectures Macroscale	What is 3D surface analysis? What tools are used to investigate the subject? When and why is it relevant to undertake such study? L. Doyon + A. Queffelec	Points, mesh, raster and textures: theory - computer representations, lighting, textures, geographic projections, and rasters - B. Dutailly + K. Genuite	An overview of some concrete dilemmas to tackle in geometric morphometrics. Fourrier analyses (L. Courtenay) - The study of asymmetry (Y. Heuzé) - The study of developmental heterochronies (A. Souron)	Concrete applications at PACEA + demo with the confocal microscope rooms L. Doyon + A. Queffelec	AI for automatic treatment of epigraphic texts. A. Dalla Rosa, Nathalie Prévôt, Pierre Guérin	Lasergrammetry - Practice - K. Genuite	Practice - 2D Landmarking on TPSdig - A. Souron + L. Courtenay	Cleaning the acquisitions; Creating a template; Applying a template on multiple acquisition (Licence DigitalSurf to be requested - participants must bring their PC) - L. Doyon	Practice - 3D modelling for Epigraphic texts - Hernán González Bordas	3D realtime for dissemination + SIR3D - Practice on Unity 3D and 3D Database demo - B. Dutailly	Continuation	Making figures and table ready for publication; Writing the "Methods" and "Results" section. (Participants must download R on their PC) L. Doyon	Continuation	Fieldwork - La Chaise										
14h15-14h30																									
14h30-14h45	3D Macro archaeology. Part 1 - Landscape archaeology - large scale 3D digitization - K. Genuite																								
14h45-15h																									
15h-15h15																									
15h15-15h30				Coffee Break																					
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