

	Monday June 29, 2026	Tuesday June 30, 2026	Wednesday July 1, 2026			Thursday July 2, 2026			Friday July 3, 2026			Saturday July 4, 2026
Location	Amphi B5 PABA	Amphi B5 PABA Lectures Macroscale	Amphi B5 PABA Lectures Morphometrics			Room Archéovision	Imaging & Informatique rooms (B8)	B2 R+4	PC Room Archéovision	Imaging & Informatique rooms (B8)	B2 R+4	
8h15-8h30	Welcome / Registration		An Introduction to Morphometrics. From traditional to geometric morphometrics - The concepts of shape & form - Landmarking and sample size - A discussion on ordination. L. Courtenay + L. Holbrecht			Macroscale	Morphometrics	Microscale	Macroscale	Morphometrics	Microscale	Meeting point: B8 at 8h15 departure by bus
8h30-8h45												
8h45-9h	Welcome Speech A. Le Cabec	Computer graphics - from pixels to 3D rendering. B. Dutailly				Practice: photogrammetry - N. Zwyns	Practice - Data segmentation and landmarking on 3DSlicer - A. Thibeault + A. Sourbé	Practice - confocal microscopic acquisition R. Hanon + A. Queffelec	Practice: 3D modeling for architectural restitution - V. Baillet (+M. Rouca)	Practice: Morphometrics with R - C. Lauer & F. Santos	Extract textural data; Data comparison with the ExOsTechBank. (Licence DigitalSurf to be requested - participants must bring their PC and download R on it) - R. Hanon + A. Queffelec	Fieldwork - Saint-Césaire (Charente-Maritime, France)
9h-9h15	Keynote - P. Bayle (PACEA) From the field to the laboratory: 3D imaging in archaeological sciences											
9h15-9h30	Round table											
9h30-9h45												
9h45-10h												
10h-10h15												
10h15-10h30												
10h30-10h45	Coffee Break	Coffee Break	Coffee Break			Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
10h45-11h	Digitization in Archaeology: From the physical to the virtual object A. Le Cabec + N. Vanderesse	Continuation	Fourier analyses - L. Courtenay			Continuation	Continuation	Continuation	Continuation	Continuation	Continuation	
11h-11h15												
11h15-11h30												
11h30-11h45												
11h45-12h												
12h-12h15	Lunch for all		Lunch for all			Lunch for all			Lunch for all			Lunch for all
12h15-12h30												
12h30-12h45												
12h45-13h												
13h-13h15												
13h15-13h30												
13h30-13h45												
13h45-14h	Amphi B5 PABA Lectures AI		Macroscale	Morphometrics	Microscale	Macroscale	Morphometrics	Microscale	Macroscale	Morphometrics	Microscale	
14h-14h15			Open Science A. Queffelec	What is 3D surface analysis? What tools are used to investigate the subject? When and why is it relevant to undertake such study? A. Souron + A. Queffelec	Practice: laser scan - I. Intxaurbe	An overview of some concrete dilemmas to tackle in geometric morphometrics. Integration & modularity (A. Sourbé + T. Colard) - The study of asymmetry (Y. Heuzé) - The study of developmental heterochronies (A. Souron)	Concrete applications at PACEA + demo with the confocal microscope rooms L. Courtenay + A. Queffelec	Practice: 3D modeling - basics - M. Rouca (+ V. Baillet)	Practice - 2D Landmarking on TPSdig - A. Souron + L. Holbrecht	Cleaning the acquisitions; Creating a template; Applying a template on multiple acquisition (Licence DigitalSurf to be requested - participants must bring their PC) - R. Hanon + A. Queffelec	Practice: putting all together in 3DRIS - B. Dutailly & V. Baillet	Continuation
14h15-14h30												
14h30-14h45												
14h45-15h												
15h-15h15												
15h15-15h30	Epistemology of the Digital Revolution M. Lequin											
15h30-15h45	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break		
15h45-16h	An introduction to the Power and Pitfalls of Machine Learning L. Courtenay		Continuation	Continuation	Continuation	Practice: color sampling - A. Mounier & S. Petitcolas	Practice: General introduction to R - C. Lauer & F. Santos	Continuation	Continuation	Continuation	Continuation	
16h-16h15												
16h15-16h30	AI and Computer Vision N. Vanderesse											
16h30-16h45												
16h45-17h	Using LLM for data extraction and analysis A. Dalla Rosa	Visit of the micro-CT scanner at PLACAMAT (2h15 max) N. Vanderesse + A. Le Cabec 2 groups minimum (10 pers. max), 15 mins signature/ group	Keynote Speaker: Andreu Ollé (IPHES-CERCA, Spain) Facing the study of use-wear and residues on stone tools through a multi-technique approach Online (Amphi B5 PABA + Chouette)			Keynote Speaker: Markus Bastir (Museo Nacional de Ciencias Naturales CSIC, Madrid, Spain) Reconstructing the Past: 3D Geometric Morphometrics and Virtual Anatomy in Human Evolution (Amphi B5 PABA)			Keynote Speaker: Nadia Spang Bovey (Université de Lausanne, Faculté des Lettres, Centre NUCLEUS, Switzerland) Preservation of 3D Models and Data on the Long Term: Why and How to Mitigate the Risks of Technological Obsolescence Odeon, UBM			Return by bus
17h-17h15												
17h15-17h30	Prompt design for code generation B. Dutailly											
17h30-17h45												
17h45-18h	Cocktail 1		Diner in town (TBD) for group leaders, keynote speakers, organizers, lab directors						Cocktail 2			
18h-18h15												
18h15-18h30												
18h30-18h45												
18h45-19h												