



A CROSS-DISCIPLINARY PREHISTORY OF ANDEAN CIVILISATION

Max Planck Institute for the Science of Human History, Jena

Saturday 12th to Monday 14th December, 2015

session	starts	ends	duration	
Day 1 — Saturday 12th December				
	9:10	9:30	20'	WELCOME AND INTRODUCTION: WHY JENA, WHY NOW? [Russell Gray, Paul Heggarty, Chiara Barbieri]
A	PUTTING THE GENES IN CONTEXT • What we already know: from history, archaeology, linguistics, bioarchaeology, ethnography. • Their 'big picture' research questions that genetics can help resolve.			
A1	9:30	10:00	30'	Linguistics. [Paul Heggarty]
A2	10:00	10:30	30'	Archaeology. [David Beresford-Jones]
	10:30	11:00	30'	COFFEE
A3	11:00	11:30	30'	History. [Adrian Pearce]
A4	11:30	12:00	30'	North Coast Peru focus. [Matthias Urban, Paul Heggarty]
	12:00	13:30	1h30	LUNCH (AT THE INSTITUTE)
B	GENETICS (AND BIOARCHAEOLOGY): POPULATIONS, COLLECTIONS, ANALYSES			
B1 B2	13:30	14:15	45'	Ancient DNA from first settlement to the Incas: a major new aDNA reference database, spanning transects of Andean civilisation through time and space. [Lars Fehren-Schmitz & Wolfgang Haak]
B3	14:15	14:45	30'	Structured overview of Peru's leading and only major collection of modern DNA, at the Centre for Genetics and Molecular Biology at the USMP, Lima. [Ricardo Fujita & José Sandoval]
	14:45	15:15	30'	COFFEE
B4	15:15	15:45	30'	Illustrative, targeted modern DNA case-studies from across Peru: Altiplano, Andes/Amazon transition, Chachapoyas, north coast. [Chiara Barbieri]
B5	15:45	16:15	30'	New bioarchaeology (and aDNA) samples from north coast Peru, including high-profile individuals. Very early human remains from eastern, lowland South America. [André Strauss]



B6	16:15	17:15	60'	<p>WIDER GENETIC CONTEXTS, BEYOND THE ANDEAN 'CORE'</p> <ul style="list-style-type: none"> • Early ancient DNA from the high Andes. [Kurt Rademaker] • Modern DNA from Ecuador: a rare reference sample, and potential evidence of Inca impacts in the 'second capital' of the Inca empire. [Rodrigo Barquera] • Modern DNA from lowland Colombia, and possible rare ancient samples. [Leonardo Arias]
	19:30	21:15		DINNER at Grünowski [https://de-de.facebook.com/Gr%C3%BCnowski-161446697222053]
B7	21:15	21:45	30'	Day 1 review discussion: How best to combine modern with ancient DNA sampling and analysis.

session	starts	ends	duration	
Day 2 — Sunday 13th December				
C				KEY RESEARCH QUESTIONS IN TIME AND SPACE
C1	9:15	10:00	45'	• First Settlement and Colonisation
C2	10:00	10:45	45'	• The Andes~Amazonia 'Divide' and Other Environmental Factors
	10:45	11:15	30'	COFFEE
C3	11:15	12:00	45'	• The Rise of Complex Society in Andean Civilisation
C4	12:00	12:45	45'	• Main Pre-Inca Expansions and Impacts
	12:45	14:15	1h30	LUNCH (AT THE INSTITUTE)
C5	14:15	15:00	45'	• Inca Impacts
C6	15:00	15:45	45'	• Post-Columbian Impacts
	15:45	16:15	30'	COFFEE
C7	16:15	17:00	45'	• Maritime Connections with Meso-America and the Pacific?
C8	17:00	17:45	45'	• High-Profile Ancient Individuals
	19:30	21:15		DINNER at Haus Im Sack [http://www.haus-im-sack.de/karte]
C9	21:15	21:45	30'	Day 2 review discussion: Of research theme sessions C1-C8, which are the best 2 or 3 to target?



session	starts	ends	duration	Day 3 — Monday 14 th December
D				STATE OF THE ART, STATE OF THE FIELD — AND WHERE NEXT?
D1	9:15	10:45	1h30	<p>Research Questions: Best Targets for New Cross-Disciplinary Research</p> <ul style="list-style-type: none"> • Focus on 2 or 3 themes identified on day 2 as those with greatest feasibility and potential 'big picture' impact, a brainstorming on concrete proposals for research projects to target these.
	10:45	11:15	30'	COFFEE
D2	11:15	12:00	45'	<p>Technologies in Genetics: Analyses, Resolution and Costs</p> <ul style="list-style-type: none"> • Discussion of the best balance to strike (for the target research questions identified above) in how many samples to analyse, for which markers, and to which resolution.
D3	12:00	12:45	45'	<p>Co-Ordination, Collaboration, Consortium?</p> <ul style="list-style-type: none"> • An open discussion of which forms of co-operation should emerge from this Jena 'research planning meeting'.
	12:45	14:15	1h30	LUNCH (AT THE INSTITUTE)
	14:15	15:30	1h15	Tour of MPI-SHH Genetics Labs