

Crossing Frontiers in Biological Anthropology: New Discoveries, Technologies, and Perspectives on Human Evolution

Proposed by the Biological Anthropology UISPP Commission

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Abstract

As part of the central objectives of the UISPP Biological Anthropology Commission, this session aims to highlight recent discoveries, innovative methodologies, and theoretical perspectives that advance our understanding of both extinct and extant human populations in their biological and evolutionary dimensions.

The study of past populations is undergoing constant renewal through technological innovation, the refinement of analytical tools, and the discovery of new fossil evidence. Recent advances, ranging from imaging techniques and biomolecular analyses to 3D modeling and artificial intelligence, are reshaping our capacity to investigate human variability, evolutionary processes, and migration patterns across time and space.

This session seeks to create a forum where researchers from diverse backgrounds and specializations can share results, discuss methodologies, and stimulate new theoretical insights. Contributions are welcome across the full chronological, geographical, and all disciplines related to Biological Anthropology. A particular emphasis will be placed on fostering dialogue across subfields and on exploring how interdisciplinary and cross-continental approaches can enrich our perspectives on human evolution and diversity.

We especially encourage graduate students and early-career researchers to present their ongoing work, thereby contributing to a dynamic exchange of ideas and updating the anthropological community on the most recent scientific progress.

Authors are invited to submit oral or poster proposals. Depending on the range of topics received, the session may be organized into thematic sub-sessions.