Brain Imaging and Neuroanatomy with MRI

A description of the basic hardware and software requirements for quantitative measurements of the brain is provided, including a review of methods for how to quantify brain structure using Magnetic Resonance Imaging (MRI) and an account of some applications for the study of comparative neuroanatomy. *Simon Keller & Neil Roberts*

The Evolution of Handedness in Humans and Apes

A summary of previous and ongoing research into the origins of handedness, based on fossil and archaeological data for hand preference and primate hand-use, with a discussion of the methodological problems involved in each strand of research.

Lisa Cashmore, Amandine Chapelain & Natalie Uomini

The 3COORsystem for Data Recording in Archaeology

The 3COORfieldwork system fastens, automates and computerizes the archaeological field work. It allows proper management of the data flow during the excavation, making coordination, numbering, drawing and description of archaeological objects easy and straightforward. *Antoni Canals, Jesús Rodríguez & Rafael Sánchez*

Southeast Asian and Australian Paleoanthropology

The past 100+ years of research in Southeast Asia and Australia have answered some questions while raising many more. I examine the fossil evidence from these areas, the many debates surrounding this evidence, and how this work has helped shape current research into the origin of modern humans. *Arthur Durband*

The Genetic Structure of Europe: a Paternal View

The phylogeography of Y-chromosome lineages tells us about ancient events such as the colonization of Europe after the Last Glacial Maximum, both from the western Iberian and the eastern Balkan refuges, the spread of agriculturalists from the Near East and the diffusion of Indo-European speaking peoples from north of the Black Sea. *Paolo Francalacci & Daria Sanna*

JASs forum
Sharing databases in the Digital Anthropology age

The development of digital tools has rapidly increased the amount of information retrieved from the biological structures. Even more, the way this information is exchanged and captured is influenced by computational approaches and informatics and requires new ethical and epistemological perspectives.

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