

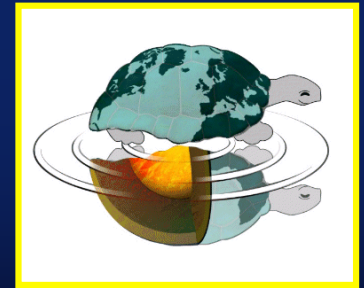
Milano, 8 – 11 Novembre 2010



UNIVERSITÀ DEGLI STUDI DI MILANO

SCUOLA DI DOTTORATO

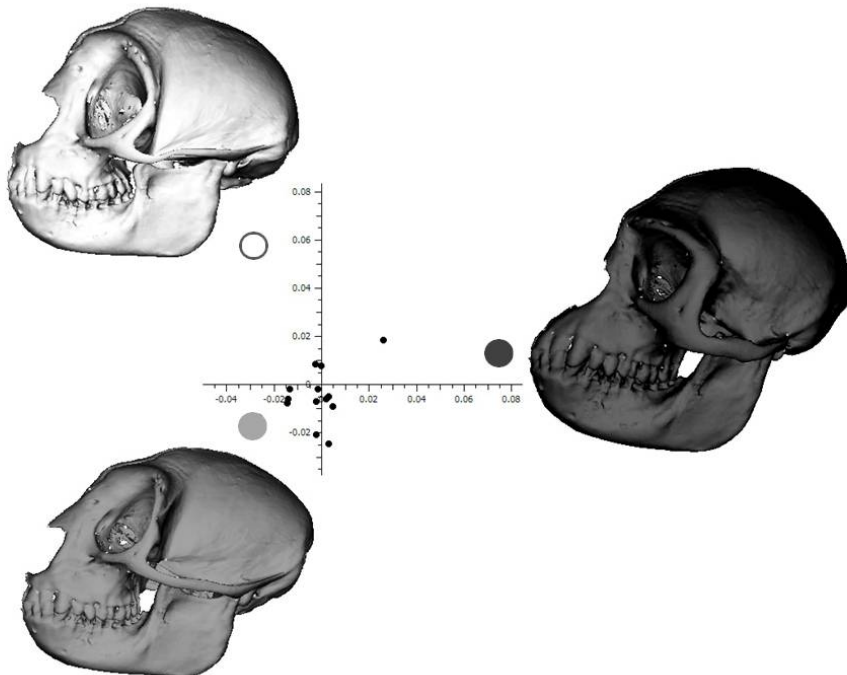
TERRA, AMBIENTE E BIODIVERSITA'



ANDREA CARDINI

Università di Modena e Reggio Emilia

CORSO DI MORFOMETRIA GEOMETRICA



- Introduction on morphometrics and data acquisition.
- Landmark-based geometric morphometrics, generalized Procrustes analysis, size and shape variables.
- Principal component analysis of shape coordinates.
- Thin plate spline deformation grids and other diagrams to visualize shape.
- Tests for group differences in size and shape.
- The study of allometry as an example of multivariate regression
- Demonstration of more advanced technique