



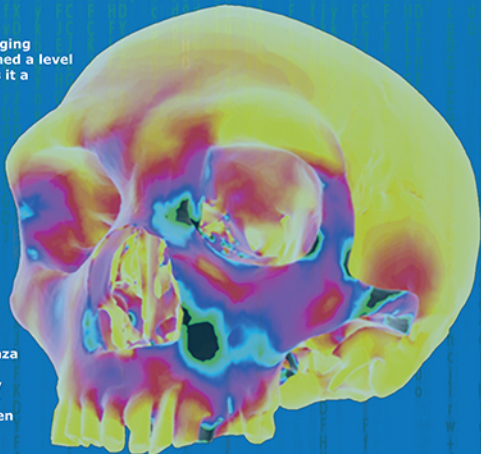
Virtual Reconstruction and Computational Biomechanics workshop

With advances in computer software and imaging technology, Finite Element Analysis has reached a level of sophistication and accessibility that makes it a powerful tool in the testing of biomechanical hypotheses in studies of vertebrate form and function.

This workshop will focus on computer-based biomechanical modelling of teeth and bones, virtual reconstructions of fragmented fossil remains, and on simulated kinematic analyses of the masticatory system.

Attendees will be given a solid grounding in the skills required to assemble and analyse 3D mechanical models from serial x-ray (CT or microCT) data of biological specimens.

The workshop is organised by Dr. Luca Fiorenza and Dr. Justin Adams from The Centre of Human Anatomy Education and will be run by A/Prof. Stephen Wroe and Dr. Justin Ledogar (University of New England), Prof. Phil Clausen (University of New Castle) and Dr. Stefano Benazzi (University of Bologna).



Details

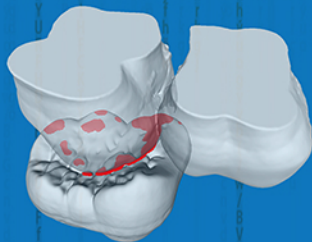
Date: 20th and 21st October
Location: Room G23, 22 Rainforest walk
Monash University, Clayton
VIC 3800, Australia

Limited space available. Please reserve a place by completing the online registration form:

<http://www.med.monash.edu.au/anatomy/workshops/vr-and-cb-workshop-oct-2016.html>

Registration is free

Please contact Dr. Luca Fiorenza for further details:
luca.fiorenza@monash.edu



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