



I feel it in my bones!

An investigation into the mechanical and structural changes to bone as we age

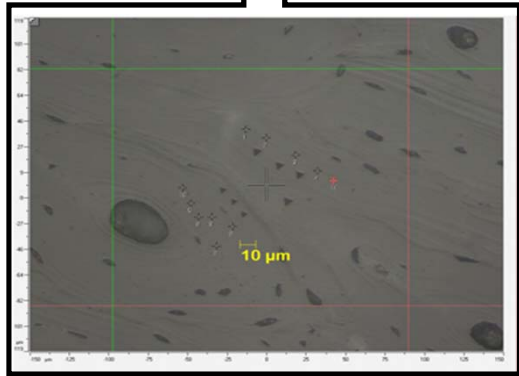
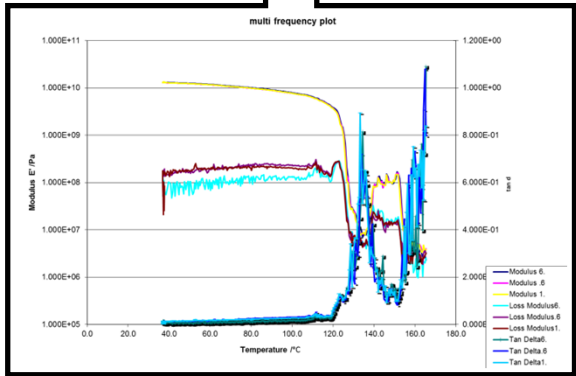
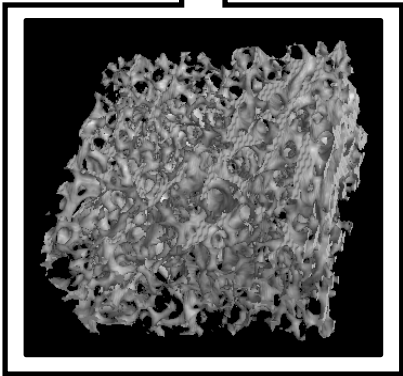
Multimethod Approach

Micro-CT

Dynamic Mechanical Analysis (DMA)

Nanoindentation

DSC-TGA



Better understanding of activities and habitual behaviour in past societies

Applications

Improvements to safety systems in vehicles

Treatment of fractures

Mechanisms of injury