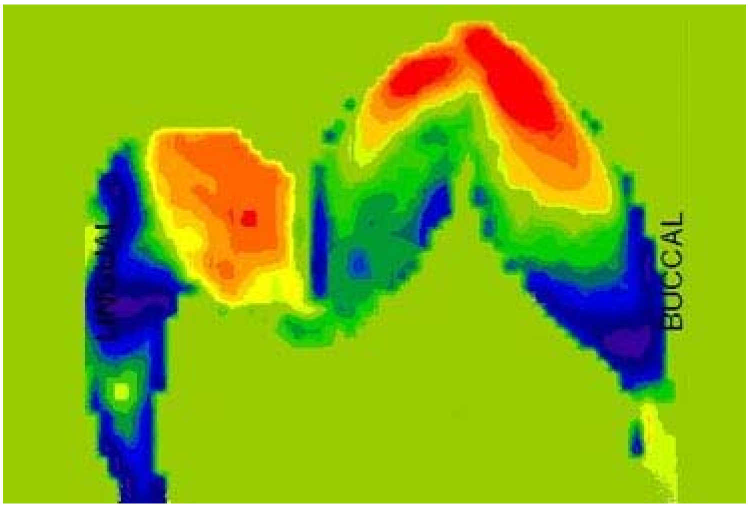
Poster Prize for IMR Student

Date: Sep 23, 2008



Congratulations to IMR PhD student Lisa Simmons who won a poster prize at the UK Synchrotron Users Meeting held at Daresbury Laboratory on September 11-12th.

Lisa has been working with final year Physics BSc student, Khadijeh Abboud to determine the texture in human dental enamel in 3-dimensions. In the poster Lisa presented the results of a two Synchrotron X-ray diffraction experiments on the XMaS beamline where the crystallographic parameters of the enamel hydroxyapatite phase across whole intact teeth sections had been determined, and 3-d maps of the texture deduced.

This work is part of an extremely active collaboration between the IMR at Salford and colleagues in Leeds Dental Institute.