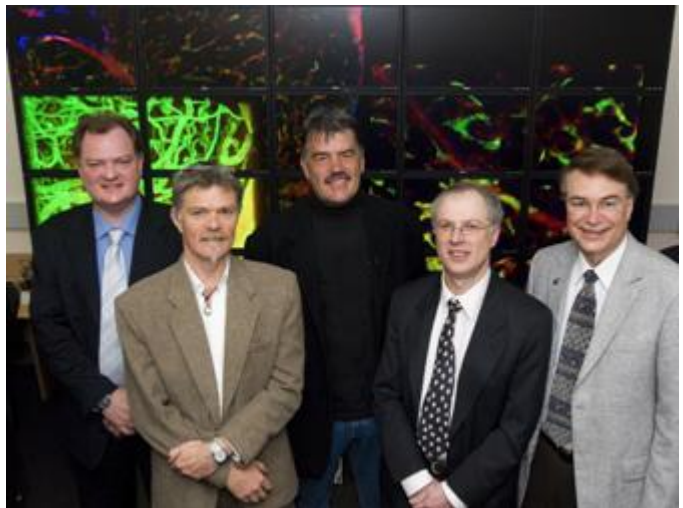


Optiportal at MMI Viz Lab.

Monash Micro Imaging, as a result of an **ARC linkage grant** between Monash scientists and Leica Microsystems, has established an **optiportal** in its Image Analysis & Visualisation Lab in the STRIP at Clayton. The optiportal, comprising a 46 megapixel tiled screen was established in collaboration with Monash e-Research Centre (MeRC), and will allow researchers to visualise high resolution microscopy images at full resolution while also viewing the entire image. Professor Larry Smarr, a pioneer of the technology, was present at the recent opening demonstration of the display wall on 8 October. Professor Smarr observes that these video walls, when coupled with high bandwidth connectivity, eliminate the tyranny of distance. The optiportal will allow Monash researchers to collaborate on image and structure based projects with colleagues on other campuses or overseas. The megapixel resolution wall displays support high resolution over large areas, and are thus also excellent teaching tools.

This wall is the first in Australia to be established in a microscopy environment and is capable of displaying 9600 x 4800 pixels.



Opening of the MMI Viz Lab OPTiportal, 8 October, 2008. From L to R: Prof Paul Bonnington (Director, MeRC), Dr Ian Harper (Director, MMI), Assoc Prof Martin Lackmann (Dept Biochemistry), Prof David Abramson (Assoc Director, MeRC) and Professor Larry Smarr (UCSD). Professor Smarr is the founding director of the California Institute for Telecommunications and Information Technology and Harry E. Gruber professor in the Jacobs School's Department of Computer Science and Engineering at UCSD. He is also Principal Investigator on the NSF OptIPuter LambdaGrid project, founding director of the National Center for Supercomputing Applications (1985) and the National Computational Science Alliance (1997).



References & Links :

<http://www.monash.edu.au/eresearch/capabilities/resinfra.html>

http://wiki.optiputer.net/optiportal/index.php/OptIPortal_Deployments

20 October, 2008