AstroMed09
The Inaugural Sydney International Workshop on Synergies in Astronomy and Medicine
14–16 December, 2009
The University of Sydney
Astronomy and Medicine share many similar demands for increasingly sophisticated and diverse imaging techniques as well as associated cutting-edge instrumentation technologies and advanced software tools for multi-dimensional data storage, manipulation and processing.

This workshop will provide an international forum for exploring and consolidating these synergies, exchanging ideas and identifying opportunities for knowledge and technology transfer across the two disciplines and to industry. Hosted by several of Australia's most prominent researchers, the workshop will include high-profile international speakers from the US and Europe, where similar multidisciplinary initiatives have already been successfully established.

Topics covered:

**Imaging:**
- 3D reconstruction
- multi-modality co-registration

**Instrumentation:**
- new detector technologies
- astro-photonics

**Data:**
- visualization, acquisition
- multi-dimensional handling techniques

**Scientific Organising Committee:**
- A/Prof Dale Bailey
- Prof Clive Baldock
- Prof Joss Bland-Hawthorn
- Dr Roger Fulton
- Prof Bryan Gaensler
- Dr Zdenka Kuncic (convenor)
- Prof Geraint Lewis
- Prof Steven Meikle

For more information and registration details visit: www.physics.usyd.edu.au/astromed09