

## 1156th General Monthly Meeting

# The Life Sciences Revolution: How Engineering, Cell Biology and IT Intersect

Professor Keith Williams

Co-founder of Proteome Systems, Formerly Professor of Biology at Macquarie University

Date: Wednesday, 3rd October, 2007

Time: 6:30 for 7:00 pm

Venue: Conference Room 1, Darlington Centre, City Road

### ABSTRACT

In this presentation I'll give my views on how several revolutionary changes are converging on Life Sciences to make for very interesting times and to dramatically change for the better the quality of life as we age. I shall review mechanical fixes, stem cells and e-health, each of which in different ways impacts on our health and well being. Recent developments will be reviewed in the context of Australian science and corporate biotech, indicating that we are part of the game. I shall also mention a new e-health company, miVitals, with which I am involved.

### BIOGRAPHICAL NOTES



Keith Williams (AM FTSE PhD) was born in Melbourne, and completed a BAgSci at Melbourne University, followed by a PhD in Biochemistry at ANU. He worked in biochemistry research in the UK in Oxford and Germany at the Max Planck Institute for Biochemistry before returning to Sydney in 1984. Keith headed the Biotech program at Macquarie University and developed the concept of Proteomics, culminating in 1996 with the establishment of the Australian Proteome Analysis Facility, the world's first Major National Proteomics facility. He established Proteome Systems Ltd in 1999 to commercialise Proteomic technologies and build new generation diagnostics and drugs. The business grew and was listed on the ASX in 2004. In 2005 he stepped back from Proteome Systems to explore new opportunities in company building in the Life Sciences and IT areas. In 2006 he fulfilled an interest in making movies, as Executive Producer of the mystery thriller *Butterfly Dreaming*.