

Seminar Outline: Victorian Partnership for Advanced Computing (VPAC) Industrial Research & Development

There is a growing international trend towards eScience and eResearch, where research is increasingly dependent upon collaborative tools and IT technology such as shared data repositories and online web services. This trend mirrors the move to online Government, and many industries and organizations increasing dependence on IT as a strategic business asset and resource.

This talk will analyze the adoption and evolution of eResearch in Victoria and Australia, through organizations such as AARNET, APAC, VPAC, and NCRIS/PfC over the past decade; and their interactions and interplay with universities, government organizations, and industry. We will look at lessons learned, success stories and not-so-successful experiments. We will also look ahead at what the likely evolution will be in the coming decade.

Professor Bill Appelbe

Bill Appelbe is the Chief Executive Officer of Victorian Partnership for Advanced Computing (VPAC), and formerly the Head of the Computer Science department at RMIT. Bill graduate with a BSc(Hons) from Monash in 1974, and a PhD in Computer Science and Electrical Engineering from UBC, Canada in 1978. Bill was on the faculty of several universities, including the University of California, San Diego and Georgia Institute of Technology (1986-1998). Bill has been a consultant and employee for numerous companies and organizations including IBM, Hewlett-Packard, Sun Microsystems, UNISYS, and Los Alamos National Laboratory. Bill has authored over fifty refereed conference papers and journal articles, primarily in the area of applied high-performance computing.