

## **AINSE Honorary Fellowship - Professor Trevor Ophel**



Trevor Ophel's formal connection with AINSE began in 1961 when he received a travel grant to attend the Gordon Conference on photonuclear reactions, a research area in which Australia was very active. Nothing comes for free, and in the last decade he has contributed to AINSE through service on the executive (1994), as Vice President (1997 and 1998). In the previous two decades he had attended numerous Council meetings as proxy for the ANU representative.

At the ANU he has fostered the role of AINSE as an avenue for supporting a broad range of research at ANSTO and has argued successfully (often unofficially) the merit of supporting AINSE through the ANU Institutional subscription.

Since their inception, he has been a stalwart support of what were the biennial AINSE Conferences on Nuclear and Particle Physics, as a regular contributor, as a member of the organising and program committees on various occasions and as chairman of the 1986 Conferences. In recent years, he has taken an increasing role in the equivalent conferences focussed on the Applications of Nuclear Techniques.

He is recognised worldwide as an expert in hybrid detector systems developed as part of leading research work on the study of the measurement of masses of exotic nuclei. Such detectors, and his understanding of the physical processes in the transport and measurement of heavy ions, were an important part of the knowledge brought to the collaborations between the ANU and ANSTO (then AAEC) which led to the first Australian forays into Accelerator mass Spectrometry. While initially developed on the ANU facility, which maintains an independent program, it is now a fully-fledged operation at ANSTO in the guise of ANTARES, a major and integral part of the research and facilities supported by AINSE.

By virtue of his experience and expertise in accelerators and in board range of detection techniques, he has been Convenor of the specialist Group on Accelerator Applications since about 1988, part of his continuing involvement with AINSE.