

The 2002 AETM Conference Report.

The AETM 2002 Conference was a resounding success, It took place at the Picturesque University of Sydney, This is Australia's Oldest and most established University, set in the CBD of Sydney, it follows the more traditional building structures of West Minster England, and the Links to our British Past. Most of the building are made with sand stone and are still in pristine condition.



When someone walks around the grounds on The University of Sydney, you straight away get a feeling of historical importance and establishment of our Higher education past.



The University of Sydney proved to be the all round perfect location to hold the 2nd annual AETM Conference, because it reminded us of our history as well as provided us with a modern facility upon which to discuss current and future AV systems for Universities.

The AETM Conference was such a success that in fact there was so much discussion going on, that we had more discussion subjects than time to discuss them.



This year, Nicholas Clarke the Manager, Audiovisual Services Facilities Management Office Planning and Resources Group, logistically managed the Conference at The University of Sydney, the Venue was the Darlington Center, which was a new complex with very comfortable conference facilities, including a restaurant.



The Opening Address- by the Associate Professor, **Simon Carlile**, Assistant Pro Vice Chancellor, (Information Technology), was warmly welcomed by the AETM Professor Carlile addressed many issues relating to the integration of Multimedia systems into the learning environment, the importance of teaching keeping pace with technology and technology focusing on supporting and improving the learning atmosphere to enable all students to get the most out of there experience at all Universities. Increasing the quality and reliability of the services offered a clear return on the investment made by the institution. The members of ATEM also had a very important role to play in helping to manage the changing practices in supporting teaching and learning that were being driven in part by the opportunities offered by the new technologies and the rapidly changing expectations of students and staff.

[Graeme Ivey, from Monash University, presented a lecture on Digital audio recording systems & online streaming.](#)



This lecture focused on lecture recording systems already being fully utilized at Monash University, and the great advantage it offers to students, which enables them to download any lecture in their subject matter at any time on the Web.

The added benefits that come with introducing a new efficient and cost effective method of delivering lecture material to students that either are unable to attend a lecture or need to revise the lecture.

Graeme shared his knowledge about the AV computer systems that enable the technology to be collected and streamed and how to integrate it into other Universities. This like many other ideas and system improvements these presentation are what the AETM is all about, University AV Managers talking about their systems and supporting others with the next step which is already proven.

Anne Forster- Manager of Special Projects in VC Office, ITEV- Presentation on Universities of the future.

Anne discussed the Dynamics of Academic influences in the presentation platforms of lectures in the University environment.

The Future Directions of the Multimedia AV systems in Universities and there ever-changing dynamic, and what can be expected in an education institution when teaching and technology need to merge.

Kim McShane, Inst for teaching and learning- Uni of Syd to present- Teaching and Learning, Delivery, in the Technology world.



Kim McShane's presentation was one of the most interactive and participated discussions in this year's agenda.

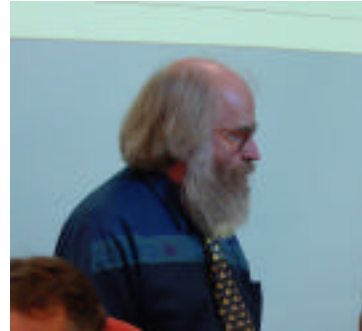
Kim involved the AV Managers in open discussion and provoked them to start to think of the influence that AV has on the Lecturing staff and as importantly, what influences and changes the lecturing staff has on the future direction of AV systems in Universities.

Kim opened the ideas of thinking outside the circle of just good AV systems and how technology can play a more effective role in Learning and teaching, through simpler operational systems that also deliver the information to students in a more effective way, while keeping the integrity of the lecturers message complete.

Kim's topic proved to be a catalyst for AV Managers to remain focused on teaching and learning, when it comes to the consideration of future AV systems.

Ed Scholl- from JED Microprocessors- to present and demonstrate small classroom control panel.

Ed Scholl presented his Compact systems control device that he has developed over 5 years in consultancy with Paul Materazzo from LaTrobe University. The Control box which fits into a clip Sal GPO plate has been developed to the stage where in has a mini CPU which holds all the string commands for all current LCD projectors, and new projectors enter the market place, Ed adds them in.



The JED Box, as it is known, has device volume control, a small LED display for instructions and progress information, control conditions and second level menu set up and command selections, it is extremely cost effective at approx \$650 and can be a serious control device alternative for small lecture rooms which don't require the complexity of a AMX or Crestron System.

Paul Meulenberg - Swinburne Uni of Tech, - Presentation of videoconferencing over IP, AARNet's involvement in the use of the CSIRO MCU, and how Universities can make possible use of this.



Paul Meulenberg, Swinburne University of Technology, presented his case of videoconferencing over IP. He explained the principles of the technology and highlighted his experiences with the Taiwanese project he has undertaken. He pointed out the do's and don'ts of implementing videoconferencing over IP. He furthermore talked about AARNet and its bridging capabilities. He explained how Universities could get involved and how to use, book and operate the AARNet MCU - free of charge. This was accompanied by a four-way IP video link demonstration where a link was made though the Swinburne MCU to the AARNet MCU. The session created a lot of interest as several universities are now also implementing this technology.

[Tour of the University of Sydney, By Nicholas Clarke](#)

Nicholas escorted the AETM Managers to various Teaching facilities around The University of Sydney.

The Managers looked at the methods, which had been utilized at Sydney to incorporate Multimedia systems into lecturing areas, along with any security devices and alternative projection positioning techniques in steeply tiered lecture theaters.



[Roland Krautloher, Kencourt P/L](#)

Roland Krautloher presented his new security device, which has its own unique tubular key assembly and light weight alloy and steel construction.



A special tubular key, which locks or unlocks all parts of the device, secures the system, the support tubes have an inner ring to stop simple theft through drilling out of screw housing. The support can be designed to suit any projection device with adjustments made for drop ceiling heights and confined spaces; it also has a portable tripod type support for mobility. Ideas like these from innovative product designers are what provide great benefits to AV Managers and they Universities.

A Video Conference link up with the ICIA, End users Council Chairman- Bill Thomas, at the Colorado State University- USA, with systems provided by Tandberg Australia

One of the High Lights of the conference was a video conference link up over IP Network from the University of Sydney to the Colorado State University in Denver, USA, and to have a discussion with Mr Bill Thomas, the Chairman of the End-users Council



The AETM Managers discussed the benefits of communicating with the ICIA and the value of Australia's input through the AETM. The ICIA End-users Council which directly influences the structural organization and process of information for the Infocomm Conference's around the world, recognises the Association of Educational Managers of Australia and New Zealand as a singular contact point that can communicate to all Universities in both countries, and pass on the end user needs of the educational institutions and provide more relevant and accurate training and product information.

The Test Video Link over IP produced better than expected results, with a clear and motion accurate image, which was effectively, synced with the audio feed, via the donated **Tandberg IP Video Conference devices**.

The AETM would like to thank all the Sponsors for their support of the 2002 conference.

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