

# Christchurch Chapter's second technical meeting "delights" guests

"Lighting an Icon" - Working with Utzon to deliver his vision for the Sydney Opera House, was the title for Christchurch's second technical seminar, held on Thursday 3<sup>rd</sup> May 2007 at Beca's offices in Christchurch.



Various members and non-member gathered to hear Dan Mackenzie of Steensen Varming and now immediate past Chairman of the CIBSE ANZ Region, discuss the lighting master plan that Steensen Varming have established as part of the Venue Improvement Programme at the Sydney Opera House.



The focus of Dan's talk was on the relighting of the western shells for which the programme allowed a mere six weeks to prove a working concept solution and less than six months for the final installation, which had to be complete for the Christmas 2005 celebrations.

The new scheme created a hierarchy of brightness starting with the larger central shells. It also increased the overall coverage and reduced the shadow lines that were seen previously.

*Top: Justin Hill, Chapter Chair, opens and introduces Dan Mackenzie*

*Bottom: Dan Mackenzie taking questions from the floor*

It was interesting to hear that there is only one day a year in which major maintenance can be carried out at

the Opera House, hence some of the venue improvements will have to be programmed years in advance. Dan noted that relighting of the eastern shells will be more challenging, as this will have to at least be a partially water based solution due to the narrow podium around the east façade.

Slides from the seminar can be found on the CIBSE ANZ website; [www.cibse.org.au/page/christchurch.html](http://www.cibse.org.au/page/christchurch.html) and for further information refer to the article "Picture Perfect" on page 38 of the January 2006 Building Services Journal (one of the many benefits of CIBSE membership).

The event was well attended with 27 guests in total, who all enjoyed the superb refreshments provided by Mark Herring Lighting, whilst taking the opportunity to meet and chat to some of the CIBSE ANZ Regional Committee members.

Many thanks to Mark Herring Lighting for sponsoring the event and thanks to Beca for offering the continued use of their facilities. Many thanks also to the people who took the time to come along and support the event.

The next event is scheduled for August and details will be posted on the website, [www.cibse.org.au](http://www.cibse.org.au) in due course.



*Top: Before relighting*

*Bottom: After relighting*