IEEE NSW Section

Computer Chapter Report - 2003

This year the Computer Chapter held two technical lectures. Both of these lectures were well attended and well received. The subjects of these lectures were relevant and popular. And the meetings also proved to be successful in terms of networking for those members who attended.

The first talk was held on 27 Mar 2003, as part of the joint lecture program. Dr David Taubman from UNSW spoke about the new JPEG 2000 image compression standard which he helped to develop. David demonstrated some impressive software and showed us how the new standard will let us handle extremely large images, even over the Intenet. Early applications include medical imaging and geographic information systems. There were about 40 people in attendance.

The second lecture was presented by Prof. Sankar Kumar Pal, an IEEE Distinguished Lecturer, Distinguished Scientist and Head of the Machine Intelligence Unit at the Indian Statistical Institute. This lecture was held at UTS on 23 July 2003. Prof. Pal discussed the different characteristics of soft computing, including its relation to machine intelligence and pattern recognition. He also illustrated the use of pattern recognition for data mining and knowledge discovery, and described the benefits for efficient learning of integrating various soft computing tools. There were at least 60 attendees for this lecture.

Stephanie Boyd
Chair, IEEE NSW Computer Chapter