



**THE 14TH AUSTRALASIAN FLUID MECHANICS CONFERENCE
UNIVERSITY OF ADELAIDE, 11-14 DECEMBER 2001**

The December sun was shining on the 240 delegates from 20 countries who attended the 14th Australasian Fluid Mechanics Conference (14AFMC) at the University of Adelaide. In the tradition of the AFMC series, there was a strong attendance both of international delegates, of whom there were 60, and of post-graduate students, of whom there were 80. Many of the international delegates were jointly attracted by the “Perryfest”, held just prior to the meeting in honour of esteemed friend and colleague, Professor Tony Perry, FAA. In the unconventional spirit of Tony, the Perryfest was held at the Woodstock Winery, and combined a banquet and festivities with commemorative technical talks.

The 14 AFMC meeting was conducted with a traditional air of informality. It kicked off with a well-attended welcome reception that allowed delegates to renew old ties and make new ones. The technical program had a total of 220 papers presented in five parallel sessions. Topics included traditional fields such as boundary layers, jets and wakes, combustion and environmental flows, as well as emerging fields such as micro-fluids and large eddy simulation and industrial flows. There were four keynote lectures and eight topical reviews. As has become a tradition, there were no presentations on the Wednesday afternoon. Instead delegates were invited on a tour of the magnificent McLaren Vale Wineries after a traditional Aussie BBQ.

The 2002 George Batchelor Lecture was presented by Professor John Linden, FRS, a former student and colleague of Professor Batchelor, FRS. In the spirit of Batchelor, Professor Linden provided insight into complex flows driven by natural convection using a combination of well thought out visual experiments and analytical reasoning. A special lecture in Aeronautics was held for the first time in the AFMC series, named in the honour of Sir Ross and Keith Smith, two eminent South Australian aviators. This lecture, entitled “Linear Stability Theory of Nonparallel Flows: A New Approach”, was presented by Professor Roddam Narasimha, FRS. Other invited lecturers included Professor Paul Dimotakis, Professor Bob Boger, A/Prof Peter Mullinger, Professor Bill George, Professor Alexander Smits, Professor Greg Ivey, Professor Parvis Moin and Professor Ian Young.

Perhaps the highlight of the conference was the conference dinner, held at the Stoneyfell Winery. The conference chair, Professor Sam Luxton, almost dropped his glass when it was announced that the dinner was to be held to commemorate his contribution to the fluid mechanics community. Delegates were kept entertained by pictures, stories and songs from colleagues and friends, not to mention the four course meal and the plentiful supply of local wines.

The proceedings have been given ISBN status and satisfy DETYA requirements, with all papers subjected to peer review. Proceedings are available (\$120 + postage and handling) from Ms Tonia Camporelli, Department of Mechanical Engineering, Adelaide University, SA 5005. Tel: +61 8 8303 5397, Fax: +61 8 8303 4367, or by email from: bdally@mecheng.adelaide.edu.au. In addition a

selection of 17 expanded and revised experimental papers from the conference will appear in a special edition of the Experimental Thermal and Fluid Sciences Journal.

Finally, while thanks are due to the entire committee, special mention must go to the conference secretary, Dr Bassam Dally, and to the conference secretariat headed by Ms Tonia Camporelli. Both Bassam and Tonia put in countless hours to ensure the success of the conference. Special thanks for the organisation of the Perryfest go to Dr Richard Kelso, Professor Lex Smits and Mr Eyad Hassan.

G.J. Nathan



Professor Sam Luxton with (L. to R.) Professor Paul Dimotakis, Caltech, Prof Roddam Narasimha, National Institute of Advanced Studies, Bangalore and Dr Vasily Novozhilov, Nanyang Technological University, Singapore