Preface

This year’s conference is the sixth in the series, but under a slightly new name. What used to be the Australasian Computer Architecture Conference is now the Australasian Computer Systems Architecture Conference. The new name reflects a change of emphasis, from being strictly about computer architecture to encompassing more general “systems” work. This change in emphasis is evident in the titles of the accepted papers; about half are about computer architecture, including reconfigurable computing, while the other half reflect the widened scope of the conference. Operating systems in particular are well represented.

ACSAC 2001 has also taken the step from a mostly Australia/New Zealand conference towards a regional Asia-Pacific event. This is reflected in the composition of the Program Committee: With nine members from Asia, nine from Australia/New Zealand, and three from the US and Europe, the PC is now very international.

The breakdown of the origin of the submitted papers is quite similar to that of the PC. The composition was as follows:

Australia, 9  Singapore, 2  Belgium, 1
Japan, 4      USA, 2       India, 1
Taiwan, 4     New Zealand, 1  Germany, 1

This is a total of 25 submissions, representing about a 40% increase over the previous year. Of these the PC selected 17 papers for publication. Each paper was independently reviewed by at least two PC members, with as many as six reviews for papers which were in doubt. In average, each paper received 3.3 reviews. The PC was helped by a large number of external reviewers, whose help and speedy response is highly appreciated and gratefully acknowledged. The full list of reviewers is:

David Abramson  Susumu Horiguchi  Amos Omondi  Jonathan Tidswell
Naveen Cherukuri  Chris Jesshope  Ronald Pose  Theo Ungerer
Oliver Diessel  David Koch  Jagath Rajapakse  Thomas E. Willis
Ian Gibson  Feipei Lai  C.P. Ravikumar  Jingling Xue
Ian Gorton  Robert Lang  Steve Russel  Andre Yakovlev
Bernard Gunther  Jochen Liedtke  Heiko Schröder  Patryk Zadarnowski
Norman Hardy  Warren Ludcke  Stanislav G. Sedukhin  Rumi Zahir
Gernot Heiser  John Morris  Naofumi Takagi

Our affiliation with our publisher, IEEE Computer Society Press, continues to work well, and I would like to thank them too. I hope that this relationship will continue into the future.

All in all it is encouraging to see that the steps taken by the organizers to widen the geographical base of the conference have been quite successful. I hope that this trend will continue and ACSAC will find its place as a true Asia-Pacific meeting.

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