



# Editorial

Welcome to the third issue of the Gazette in 2007.

As you will be aware, Norman Do, a contributor to the Gazette for many years, began his new Puzzle Corner with our first issue this year. Norman has assessed submissions for Puzzle Corner 1, and we have our first winner: our congratulations go to S. Krass from Dover Heights in NSW, who has won a \$50 bookshop voucher! You can read some of the submitted solutions to Puzzle Corner 1 right after this issue's Puzzle Corner. We are looking forward to your submissions again — send in your solutions to this issue's problems by 1 September.

There is a lot of good news in this issue. We have a report on this year's successful ANZIAM conference in Fremantle, where the J.H. Michell Medal was awarded to Yvonne Stokes. In Maths Matters Frank de Hoog discusses the opportunities for the mathematical sciences arising from changes to the way research is done across all the sciences. And Jeff Kepernt gives us a detailed look at the vital role mathematics plays in meteorology in this issue's Maths@work.

There was also good news for mathematics in the recent federal budget. This success is a direct result of the hard work put in by many members of the society in supporting the National Strategic Review, discussed in recent issues of the Gazette. Phil Broadbridge reports on the increase in funding in his AMSI news column, and the impact it may have on departments. More money is welcome, but as always there is more work to be done. Peter Hall discusses possible implications of journal ranking that might arise from the Research Quality Framework in his President's Column.

And Mike Hirschhorn's technical paper in this issue, giving simple proofs of upper and lower bounds for  $\pi$ , generated very positive responses from the referees:

It should interest lecturers of good first year calculus courses and could easily be formulated as a challenge to good students, using, as it does, techniques of integration . . . , some calculation with largish integers, and a little bit of number theory.

Finally, we would like to thank May Truong, the Society's Business Manager, for  $8\frac{1}{2}$  years of service to the Society. May is leaving us on 29 June this year. We wish her all the best for the future!

Birgit, Rachel and Eileen