



Editorial

These are exciting times for mathematics. Not only are longstanding problems knocked off at an alarming rate, see the **President's column**, but here in Australia we have seen the recent birth of the Australian Mathematical Sciences Institute AMSI. In **Math matters** its director Garth Gaudry invites us all on board of AMSI, and outlines what changes in attitudes are needed to make AMSI a success.

Mathellaneous features Daniel Mathews' third and final contribution to the *Gazette*, and tells of extreme sports. Abseiling, base jumping, rock climbing and orienteering in the Diophantine wonderland of quadratic geography make a fitting conclusion to this series. We are sorry to see Daniel go and thank him for sharing his adventures with the readers of the *Gazette*.

This issue of the **Brain drain** contains a contribution by young gun Terry Tao, who now calls California home.

Two of our stars, Robert Bartnik and Peter Forrester have earlier this year been elected as fellows of the Australian Mathematical Society. The secret to their success will be revealed in **Gravity matters** and **Statistical properties of the primes and the Riemann zeros**.

Readers may try their luck on the mathematical Olympiad problems presented by Hans Lausch. For each unsolved problem we expect the submission of a problem of similar difficulty for future Olympiads.

Finally we recommend Peter Hall's amazing but true story of how saving on the cost of accommodation may turn into an uplifting mathematical experience, the sticky buns and broken glass notwithstanding.

Deadlines for submissions to the *Gazette*

| Volume | Number | Deadline |
|--------|--------|------------------|
| 31 | 4 | 10 August 2004 |
| 31 | 5 | 12 October 2004 |
| 32 | 1 | 15 February 2005 |
