

Using T_EX to manage IT for a Mathematics Congress

Ross Moore
Sydney, Australia
`ross@maths.mq.edu.au`

March 11, 2003

Abstract Just prior to this TUG conference, the ICIAM 2003 congress was held. This was a major international congress attracting ≈ 2000 delegates from all branches of mathematics — mainly applied but also a good deal of pure mathematics was represented.

As the author was responsible for the Information Technology aspects of this congress, T_EX-related software served a major role throughout. It was used, for example, with

- design and production of the congress web-site;
- publicity pages for the invited speakers;
- the abstract-submission process;
- online display of abstracts, in both HTML and PDF;
- printed book of abstracts, program and speaker/subject listings;
- conference volume, with full papers from the invited speakers;
- slides of abstracts for all talks and minisymposia;
- conference CD, with the above items in both HTML and fully-linked/bookmarked PDF.

In this talk we will look at some of this material and discuss the T_EXniques used in its production and maintenance over more than 2 years leading up to the congress itself. This will include aspects relevant to L^AT_EX, pdf-T_EX, L^AT_EX2HTML, MATHML, and CGI scripting for webpages.