

Report on the Production of EPAC'02 Proceedings

John Poole

JACoW Team Meeting Berkeley

November, 2002



- Fully Oracle based in 2002.
- No diskettes - file transfer via the web.
- The web interface for paper submission sent meta-data to Oracle (at CERN) and files to a file server in Paris.
- Deadline for paper submission set for the Wednesday before the conference at 24:00 cet.
 - 2 working days earlier than previous years - a decision driven by the need to reduce the volume of work after the conference.
- Team of 8 people assembled at Orsay to start processing on Thursday a.m.
- Transfer to conference centre on Saturday afternoon.
- Proceedings office open from Sunday p.m. but delegates were unable to enter.
 - 16 people (some part time) for processing at the conference



- Processing, author feedback and about 50% of the quality assurance work was done by the end of the conference
- Electronic presentations were recuperated for inclusion in the proceedings.
 - One presentation of ~60 hand-prepared slides was not included because it would have been too big and there were insufficient resources to process it.
- Post conference problem solving was mostly done at CERN.
- Preliminary (un-numbered) proceedings were published 3 weeks after the conference.
- The complete (919 papers) and definitive version of the proceedings was published on JACoW in the first week of August, ~8 weeks after the conference.



- 335 different web browser versions were used by the community during paper submission (after 14 May).
- There were 112 different preferred languages.
- ~900 computers connected to the submission and processing system
- The Oracle tracking system recorded 24'300 events from 720 different people.

Conclusion

- We are serving a very diverse community and we should not be too surprised that it isn't easy.



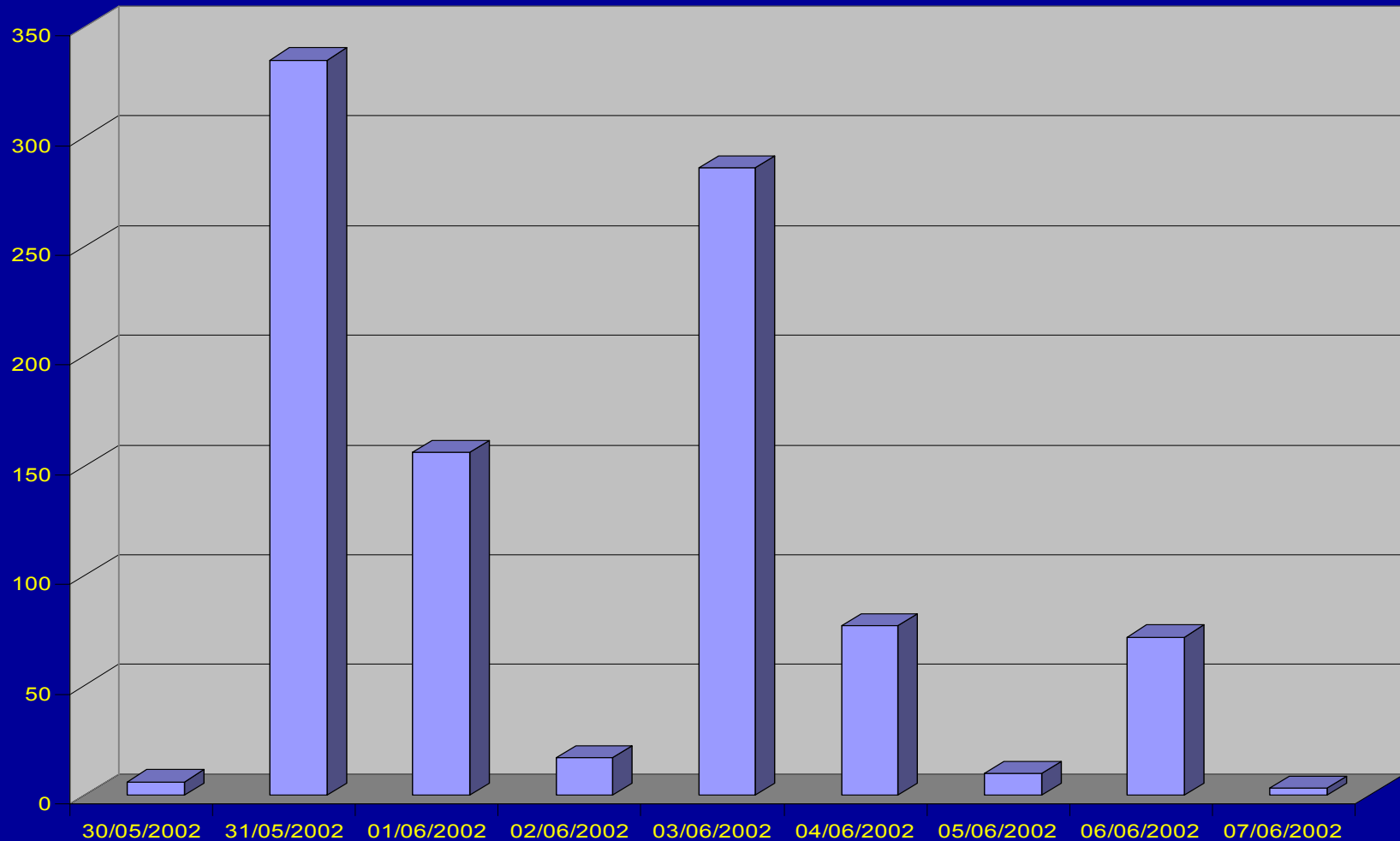
Overall Manpower (man-weeks)



	2000	2002
R & D	2	4
Planning	2	2
Build/maintain web pages	2	1
Author documentation	1	0
Server setup	2	2
Abstract processing	5	3
Infrastructure	2	2
Pre-conference processing	0	3
Conference processing	20	15
Post conf. - local	26	4
Post conf. - CERN	8	14
Total	70	50

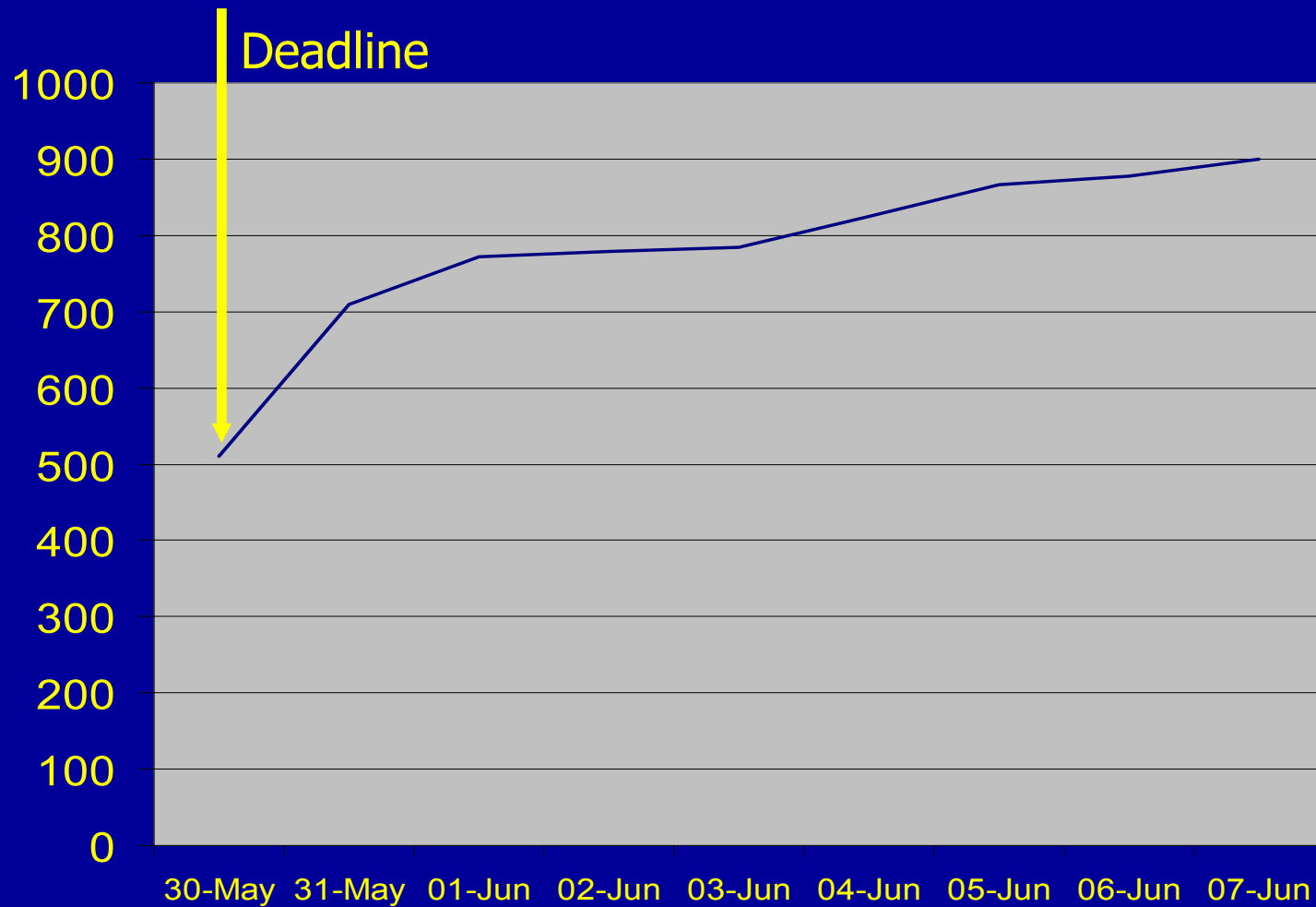


Papers Processed per day



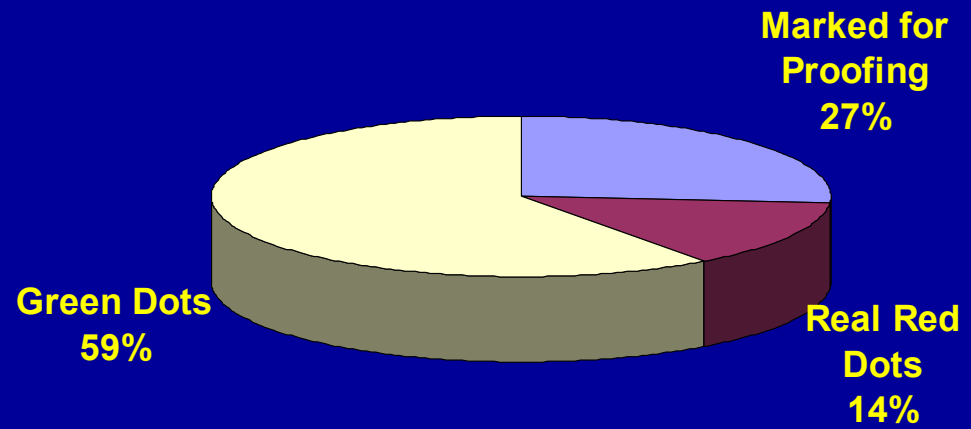
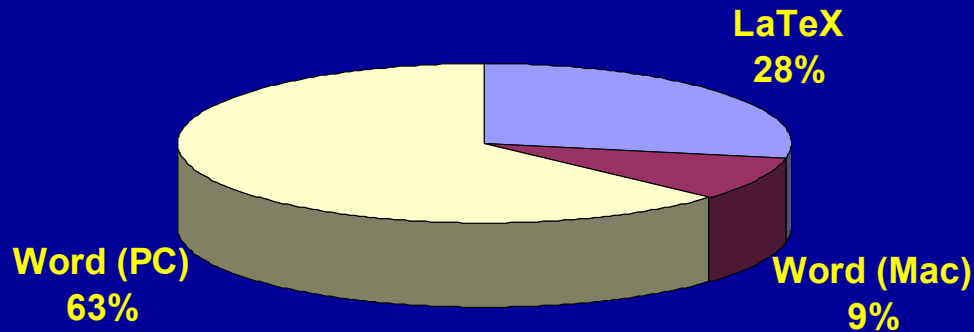


Papers Received





2002 Statistics





Processing Problems



No Postscript	8%
Format problems	7%
Type 3 fonts (LaTeX)	5%
Unusable files	5%
Multiple problems	3%
Font problems	3%
A4 printed on US paper	2%
Slow graphics	2%
Everything possible wrong	1%
Multiple PS files	3 papers



Technical Problems



- Software had not been installed and tested when the team arrived on 30th May.
 - There were many problems which had to be resolved and most of Thursday was lost to this.
- There were continuing problems with the name server which resulted in the repeated failure of the submission process from Wed to Fri, following the movement of the server at Orsay.
- No processing was possible on Sunday because the system had not been set up completely and half of the mother boards on the PC's had to be replaced.
- Nearly half the morning on Tuesday was lost because there was a power failure in the processing room.
- All of Wednesday was lost because the ADSL network connection (France Telecom) went down.
- Around 30-40 papers had to be re-processed because the disk mirroring system failed and more time was lost whilst the problem was identified and fixed.



Further Comments



- Michel Jouvin has written a comprehensive post mortem on the computing systems
 - it is published on JACoW
- Editor instructions still not explicit enough
 - numbering of References etc.
- Large number of papers with erroneous section numbering
- Many PDF files submitted
 - some were processed and green dotted
- Difficulties encountered when trying to put PDF files together for print shop
 - Related to the font sub-setting problem described at the Thoiry team meeting by Martin Comyn.