



Summary of the Sixth Session
of the First

Joint Accelerator Conference

Workshop on Electronic Publication
of Conference Proceedings

Brookhaven National Laboratory
December 1-4, 1999



Web Publishing



- HTML has many problems
 - vendor specific extensions, can be invalid or no longer there
 - fixed grammar - noway to adapt or extend
 - limited support for meta-data
 - difficulties to exchange data (language specificacities etc.)
- Extended HTML (HTML 4) frozen and abandoned
- XHTML is coming next year - modular XML application of HTML



New Languages



- XML has been a W3C recommendation for nearly two years
- Other new standards include XSL, Xpointer, Xlink, MathML
- XML is a kind of self-describing system which can be adapted to the users requirements - native languages etc.
- The Basic language is Unicode - therefore no problem for special characters
- **All major internet players have adopted the standard.**
- Various scientific and commercial communities are developing "Standard" Document Type Definitions (DTD).
- Netscape, Explorer etc are not yet adapted to interpret XML.



Advantages to Us



- Web publishing of scientific data will become much easier.
- We will be able to develop our own language to suit our needs
- Documents will be transportable between systems (Web, WORD, LaTeX etc).



What can we expect



- Not much for a few years.
- *Esprit* project will look at possible solutions in the coming years.
- Ultimately tools like WORD and FrameMaker will allow us to store documents in XML.



Shared Software on JACoW



- Web interfaces for:
 - Abstract submission
 - Paper submission
 - Organisers for programme
- List of participants - mailing list
- Keywords and Acronyms
- Templates (need updating)
- Common instructions
- Scripts
 - Web page creation
 - page numbering



Pauline Pearson and LANL

Info to Christine from others

Waldo Mackay to send to CERN

John Poole (incorporate PAC99 ver)

John Poole (add PAC99 FAQ)

John Poole to review



Shared Software on JACoW



- Database structures and applications
- Database schema
- Distiller Parameters
- Conference personnel training

Pauline Pearson

Jinhu Song

John Poole

*To be evaluated
after EPAC2k*



Open Questions



- Special characters in names and text
- Look and feel for the Website (CD)



Long Term Aims



- Continue sharing and expand collaborations
- Review JACo status after each conference
- Accelerate the banishment of paper publications
- Initiate a workshop series