Annotations from EPSCPG28Apr2000.pdf

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Annotation 1; Label: John M. Jowett; Date: 1/5/2000 14:09:29
Names picked out in yellow are those involved in the computational developments that are the main subject of this talk. The others were involved in the physical problem but may have used other computational approaches.

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Annotation 1; Label: John M. Jowett; Date: 1/5/2000 14:10:29
This is a top-level view of the Mathematica notebook used to manage the process of generating and evaluating the ensemble of realisations of the imperfect LEP machines.
In the text-processor-like interface, each section heading opens up to reveal the details necessary. Results are saved as Mathematica functions in separate "database" files. The mathematical objects in these files have a fairly complicated structure but the user needs little awareness of it.
You can see a nice, tidy example of the "Viewer notebooks" mentioned on the preceding slide at http://wwwslap.cern.ch/~jowett/SLNotes/SLNote98-020.pdf
Note that in this printable document, all the Mathematica commands are invisible.

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Annotation 1; Label: John M. Jowett; Date: 1/5/2000 14:11:43
I skipped this slide to save time during the talk. The first point is quite well-advanced though not published, the second is in an intensive testing and debugging phase and the third is just an idea for now.

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Annotation 1; Label: John M. Jowett; Date: 1/5/2000 14:12:29
This slide is included in the interests of honesty. The viewpoint described in this talk evolved gradually and there was never time to go back and fully implement it. There were only ever 1-3 people working on this and we had other things to do as well. And the main motivation was to get the results! Apart from time, however, I see no obstacle to carrying out fully the approach described in this talk.