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From/De : UA2 Collaboration

Subject/: UA2' time table and 1986 running time
Objet

We have now collected sufficient information to define the main milestones of the construction and installation time table for UA2'. An important conclusion is the incompatibility between running the present detector in 1986 and meeting the September 1987 ACOL deadline. Running UA2 in 1986 would imply a late modification of the central calorimeter with the consequence that its calibration could not take place before Summer 1987. This would not leave sufficient time to install, cable and test the various components of the upgraded central detector.

Our motivation in upgrading UA2 is to meet the ACOL deadline with improved detector performances matching those of the Collider, with the aim of making the best possible use of the available running time preceding high luminosity TeV I operation.

This sets clear priorities in our programme and leads us to give up the 1986 run (which would correspond to an additional $\approx 25\%$ of the total luminosity collected) in order to start dismantling UA2 in January 1986.

We take this decision with reluctance, in particular in the case of the collaborating Institutes (Copenhagen, Heidelberg and Perugia) having no involvement in the UA2' programme and having no other commitment precluding their running in 1986. It is therefore essential for us to be ensured that our understanding of the time table is correct, that our choices match the scientific policy of the laboratory and that no action could deliberately be taken to delay the completion of the ACOL project beyond September 1987 or to reduce the high priority presently given to $\bar{p}p$ operation in 1988.

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