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A D D E N D U M

to the proposal to

MEASURE CHANNELING RADIATION IN A SILICON CRYSTAL

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In the original proposal we asked for 5 days of total running time due to the very tight SPS-programme just before the shutdown in June 1980.

Since the proposal was approved to start after the shutdown we hereby ask for an extended running time of total 20 days.

Out of this time 15 days will be used for setting up the whole beamline with tagging system, triggering and channeling radiation detector. Since the channeling radiation comes out in a very narrow angular cone ( $\Theta \approx 1/\gamma$ ) the alignment of this detector is very critical in order to be able to resolve channeling radiation and coherent bremsstrahlung.

In the same period the data acquisition computer (Omega DAC) will be set up. In the original proposal the setting up was estimated to only 2 days. because the whole beamline with tagging- and data acquisition systems were running already.

The last 5 days will be used for data-taking.

From the point of view of the British Photon Group it is very important that the running should be in June 1981.

Erik Uggerhoj

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