

CONFIDENTIAL

9 April 1968

I attended the second meeting of the 300 GeV Steering Committee at CERN the other day. The only useful matter discussed was the setting up of a number of small European groups to work on some outstanding technical problems of the 300 GeV machine during the course of this year. The idea is to get together in small groups on a part-time basis a few experts from the different accelerator laboratories in Europe, plus one or more experts from CERN. Each group will need a leader or co-ordinator and will meet from time to time to discuss progress with their problem. It is not necessary that they work at CERN although in some cases it may be desirable that the group spends a week or so together someplace. Towards the autumn each group will report on its work to the Steering Committee (presumably through its leader). I gather that CERN can defray expenses for travelling and subsistence for group members. It is unlikely that experimental work will be carried out by the groups but if this is necessary then CERN can help with costs.

The groups are as follows:-

- Holty Bonn*
- a) Ejection - Hobbs (leader), Hereward (CERN), Pearce (France), Van Hollig (Germany), Turin (Italy). *Parain?*
- b) ERA (Smokatron) - Lawson (leader), Bernel (Germany), Pelegri (Italy), Montague (CERN). *Fordy, Zuber, de Serres*
- c) R. F. - Schnell (CERN), ? (UK). *Cowley, Milling, Martini, Donald*
- d) Magnet - Ressegotti (CERN), Bronca (France), Hamilton (F), ? (UK). *Gray, Ruppel*

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/ e) Linac

Carne.

- e) Linac - Lapostolle (CERN), ? (UK).
- f) Booster - ^{transfer}Hardt (CERN), 2 (UK), H. Crowley-Milling, Walsh, Levin
- g) Survey and beam corrections - Wooster (Germany), Bronca (France), Neyret (France), ? (UK).
- h) Static Power Supply - ²Fox (UK), Hardt (CERN). ^{King} ^{Rabinowitz} ^{T. Man} ^{Walsh}
- i) ~~Control System~~ - ? (UK), ^{Hobbs to look for effort}

There are other problems and may be other groups could be formed, but this list is probably enough to start with! You will see that I volunteered some of your staff, but this was on the strict understanding that you would agree. I do not know Alec Merrison's staff so well but perhaps he would suggest some names from Daresbury. There are also blanks in my table which either of you may well be able to fill. Anyway I would be most obliged if you would confirm whether Hobbs and Lawson could join the groups indicated and lead them on a part-time basis. Also may I ask you for any other names you would care to suggest from either Rutherford or Daresbury laboratories.

I should add that this idea of the Steering Committee to form these groups was very much in response to Amaldi's insistence that work should continue on the 300 GeV machine while awaiting the fateful decision on its future. CERN evidently has not got the staff to continue with more than token studies since the original group, which produced the CERN 300 GeV design, is now disbanded and individuals are busy with storage rings, boosters, linacs etc. for the CPS improvements. This is therefore the best that can be done protem.

I am copying this letter to Alec Merrison.

Yours sincerely,

J. B. Adams

c.c. Professor A. Merrison

Ext. 368

26th April, 1968

CONFIDENTIAL

Dr. J. B. Adams,
Member for Research,
United Kingdom Atomic Energy Authority,
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Dear John,

300 GeV Steering Committee

We spoke about this, and you have a copy of Alec Merrison's letter to Amaldi, but I have not yet replied to your letter to me of 9th April.

I confirm that I shall be very glad to contribute help from the Rutherford Laboratory, and that I agree with the names and functions listed in Alec's letter to Amaldi, which fills some of the gaps in your table. The "R. Cahn" (Rutherford) in Alec's list is A. Carne (Rutherford)!

I confirm also that Hobbis, Lawson and Fox (Rutherford) will be willing to join in the work on Ejection, ERA, and Static Power Supply, respectively, as suggested in your letter.

Yours sincerely,

T. G. Pickavance

c.c. Professor E. Amaldi
Professor A. W. Merrison
Dr. L. C. W. Hobbis ✓
Mr. J. D. Lawson
Dr. C. J. Zilverschoon