

Telephone:
Abingdon 1220
Ext. 3283

NATIONAL INSTITUTE FOR RESEARCH IN NUCLEAR SCIENCE,

Rutherford High Energy Laboratory,
Harwell,

Didcot, Berks.

25th March, 1959.

Dr. Hobbis
Bldg 412

Dear Dr. Hobbis,

I enclose a draft programme for a short symposium on high energy accelerators which we are planning to hold at the Rutherford Laboratory in the summer, and I should be glad to have your comments.

A series of talks would be given by members of the Institute staff and the 7 GeV project, each followed by a short period for discussion, the idea being to give brief but authoritative general accounts of the various accelerators. These would be aimed at potential users, rather than accelerator specialists. Finally, there would be a general discussion of possible future accelerator programmes.

The formal papers could occupy one day, or possibly a day and a half, and an additional half day would be allowed for the general discussion.

I hope that you will be able to come, and to bring some of your colleagues. A questionnaire is enclosed, to enable us to choose the most convenient dates and to assess the total numbers to be accommodated.

Yours sincerely,

Dorothy Barr

p.p.
T. G. Pickavance

ENC.

RUTHERFORD HIGH ENERGY LABORATORY

Symposium on High Energy Accelerators.

July 1959

Draft Programme

1. The National Institute and the Rutherford Laboratory.
2. The 50 MeV Proton Linear Accelerator.
3. Characteristics of the 7 GeV proton synchrotron.
4. Beam selection and transport problems.
5. High energy electron accelerators.
 - (a) synchrotron
 - (b) linear accelerator.
6. Ridge field (AVF) cyclotrons.
7. Beam storage and colliding beam systems.
8. Possible future programmes - a discussion.