



EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

MINUTES OF THE FIFTIETH MEETING

OF THE INTERSECTING STORAGE RINGS COMMITTEE

HELD ON 14 AUGUST, 1974

Present: H. Schopper (Chairman), M.G. Albrow, M. Banner, G. Bellettini, M.H. Blewett, F. Bonaudi, A.B. Clegg, G. von Dardel, P. Falk-Vairant, K. Hübner, M. Jacob, W. Jentschke, F. Muller, A.M. Wetherell, E. Zavattini.

Since the last meeting, the ISRC has received the following documents:

- Proposal for a Search for Magnetic Monopoles at the ISR, by the Bologna-Fermilab collaboration, CERN/ISRC/74-33.
- Request to Extend the Measurements of R 803 in order to Study the Production of ϕ and Λ at $\theta_{cm} = 90^\circ$, by the Scandinavian-CERN-Stony Brook collaboration, CERN/ISRC/74-34.

1. The Minutes of the forty-ninth meeting of the ISRC were approved.
2. Status Report

The ISR Co-ordinator, M.G. Albrow, reported that since the last ISRC meeting, i.e., during period 5, physics runs had taken place at all standard energies and there had been one asymmetric run at $11 + 26$ GeV/c for Experiment R 206. Performance had been very good, with low backgrounds. All scheduled experiments were taking data and Experiment R 602 was completed at the end of this period. He also mentioned that, during ISR development studies, a luminosity of somewhat over 10^{31} cm⁻² s⁻¹ at 26 GeV/c had been achieved, but with background conditions higher than is now usual for physics runs. The schedule for physics during the coming period was outlined.

In reply to the request made by the ISRC at its last meeting, the ISR Co-ordinator and the SFM Co-ordinator had written a short report on the effects of high luminosity at the SFM facility and this was distributed to the Committee. Albrow stated that the problem was not truly concerned with high luminosity but with high background conditions. Further discussion was postponed until the next meeting of the ISRC when the SFM program will be reviewed.

3. Discussion of New Proposals

- (a) On the Proposal for a Search for Magnetic Monopoles at the ISR, by the Bologna-Fermilab collaboration (CERN/ISRC/74-33), the Committee requested clarification of the technical details and postponed further discussion until its next meeting.
- (b) On the Request to Extend the Measurements of R 803 in Order to Study the Production of ϕ and Λ at $\theta_{\text{cm}} = 90^\circ$, by the Scandinavian-CERN-Stony Brook collaboration (CERN/ISRC/74-34), the Committee requests the group to present their Proposal at the Open Session of its next meeting.

In view of the interest in the physics involved, the Committee would also like to invite any group which is now working at the ISR, or with an approved experiment in preparation, and who would be interested in studying the production of vector mesons at the ISR with their present equipment (or with minor modifications to it), to present their ideas at the Open Session of the next meeting. Those wishing to give such brief presentations should inform the Secretary of the ISRC by or before 26 August.

4. ISRC Membership

It was agreed that the change in part of the membership of the Committee, postponed last year, would take place at the last meeting of 1974 (late November or early December). The outgoing members are: A.B. Clegg, G. von Dardel, K. Hübner and E. Zavattini.

5. Other Business

The Chairman informed the Committee that he had received a letter from G. Manning who, speaking for the British Universities collaboration of Experiment R 204, stated that the group had decided not to request any further running time at the ISR, and that the equipment could be removed.

6. Next Meetings

The next meeting of the ISRC will be held on Wednesday, 11 September with an Open Session at 9.30 a.m. in the CERN Council Chamber and a Closed Session at 2.30 p.m. in the ISR Conference Room.

The following meeting is scheduled for Wednesday, 23 October.

M.H. Blewett