

EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

CERN/ISRC/69-41  
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INTERSECTING STORAGE RINGS COMMITTEE

MEMORANDUM ON COLLABORATION BETWEEN  
EMULSION GROUPS WORKING AT THE ISR

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CERN LIBRARIES, GENEVA



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- 1) Cracow
  - 2) Bucharest
  - 3) CERN

1. We have had detailed discussions concerning the possibilities of collaboration between the emulsion groups which have proposed experiments at the ISR. In the following we present our conclusions.
2. It is clear, and has already been stated in the proposals (ISRC/69-6, ISRC/69-37), that there is considerable common ground as regards studies of backgrounds. They should be made in close collaboration by a small team working at CERN, backed, when necessary by the facilities for analysis available in the home laboratories.
3. We have come to the conclusion that it will be possible to use a single vacuum chamber for all the emulsion experiments proposed so far. The design of this chamber has been discussed with E. Fischer. The chamber is described in the addendum to the Cracow proposal (ISRC/69-37 Add.1) and in Addendum 3 to ISRC/69-6.
4. The exposures of emulsions for the experiments should be done in close collaboration, thus assuring a team of adequate size for this work.
5. The analysis of the material should be done separately for each proposed experiment by the groups involved.