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SPSC/M 167  
19 March 1979

M E M O R A N D U M

To : Members of the SPSC  
From : The spokesmen of P121 and P123  
Re : Merging of the P121 and P123 Collaborations

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The Aachen, Bonn, CERN, London I.C., Oxford, Saclay collaboration and the Bari, Birmingham, Brussels, Ecole Polytechnique, Rutherford Laboratory and Saclay collaboration have agreed to merge in order to carry out the experiment proposed in P121 and P123 (M157) to perform quantitative tests of QCD in  $\nu, \bar{\nu}$  interactions in Ne/H<sub>2</sub> in BEBC.

At the same time the Bubble Chamber groups of Demokritos and Munich-Max Planck have also been accepted into this enlarged Collaboration which will thus consist of the following 13 groups :

Aachen, Bari, Birmingham, Bonn, Brussels, CERN, Demokritos, Ecole Polytechnique-Paris, Imperial College-London, Munich, Oxford, Rutherford Laboratory, Saclay.

In addition to the physicists who proposed P121 and P123, the names of the following physicists should be added to the total list :

M. Mermikides, E. Simopoulou, A. Vayaki from Demokritos

and

M. Aderholz, N. Schmitz, R. Settles, K.L. Wernhard,  
W. Wittek from Max Planck Munich.

The measuring capacity devoted to this experiment will be of  $\sim 20\ 000$   $\nu/\text{Ne}$  events per year. The total request for the whole collaboration is for  $5 \times 10^{17}$  protons on target to be divided among  $\nu$  and  $\bar{\nu}$  roughly in the ratio of 1 to 3. The beam required is the standard  $\nu, \bar{\nu}$  Wide Band Beam using the horns in position B.

B. TALLINI - spokesman of P121

W. VENUS - spokesman of P123