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ORGANISATION EUROPÉENNE POUR LA RECHERCHE NUCLÉAIRE
CERN EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

SCIENTIFIC POLICY COMMITTEE

Hundred-and-sixty-ninth Meeting
Geneva - 16 and 17 March 1992

COMMITTEE OF COUNCIL

Two-hundred-and-fifth Meeting
Geneva - 19 March 1992

**ICFA GUIDELINES ON THE INTERREGIONAL UTILIZATION OF
HIGH ENERGY PHYSICS ACCELERATOR FACILITIES**

At its last meeting held in Dallas on 30 January 1992, ICFA has significantly amended the text of its guideline on the Interregional Utilization of High Energy Physics Accelerator Facilities.

These modifications may have significant effects on the future CERN policy towards the Non-Member States users and therefore must be endorsed by the Scientific Policy Committee and recommended to the Committee of Council if they have to be followed by CERN.

ICFA GUIDELINES ON THE INTERREGIONAL UTILIZATION OF HIGH ENERGY PHYSICS ACCELERATOR FACILITIES

1. ICFA is the International Committee for Future Accelerators, which was set up in 1976 by the Particles and Fields Commission (C11) of the International Union of Pure and Applied Physics (IUPAP). The members of the Committee as of 1 January 1992 are listed in Annex I. The original mandate of ICFA, as established by the C11 Commission, was:

"To organize workshops for the study of problems related to an international super high-energy accelerator complex (VBA) and to elaborate the framework of its construction and of its use.

To organize meetings for the exchange of information on future plans of regional facilities and for the formulation of advice on joint studies and uses."

At its meeting held in Kyoto in August 1985 the Commission approved revised guidelines for ICFA as follows:

"To promote international collaboration in all phases of the construction and exploitation of very high-energy accelerators.

To organize regularly world-inclusive meetings for the exchange of information on future plans for regional facilities and for the formulation of advice on joint studies and uses.

To organize workshops for the study of problems related to super high-energy accelerator complexes and their international exploitation and to foster Research and Development of necessary technology."

2. In the fifteen years since its inception ICFA has been active in all three areas mentioned above. Even at the most difficult moments of political tension between different areas of the world, it has provided an international forum for the exchange of information and ideas. It has organized a number of seminars, schools and workshops on specific topics in the various regions of the world.

3. ICFA has issued in 1980 the "ICFA Guidelines for the Interregional Utilization of Major Experimental Facilities for High-Energy Particle Physics Research". These guidelines effectively state that the only criteria to be used in selecting experiments to be carried out at the different facilities should be scientific merit, technical feasibility and the capability of the group proposing the experiment. The full text, as adopted by ICFA at its meeting of July 1980, is given in Annex II. The reason for formulating the guidelines at the time is clearly set out in the preamble. In fact they described the practice currently followed by most of the laboratories concerned, but it was the first time that a common policy had been set down in writing. They were unanimously approved by ICFA and subsequently received the written agreement of the directors of Brookhaven, Cornell, Fermilab and SLAC in the USA, DESY and CERN in Europe, Dubna, Serpukhov and Novosibirsk in the USSR and KEK in Japan.
4. In the case of CERN the Directors-General at the time (J.B. Adams, also then Chairman of ICFA, and L. Van Hove) decided to seek the approval of the Scientific Policy Committee at its October 1980 meeting (see CERN/SPC/466 dated 1 October 1980). After discussion "The Committee decided, in the light of the explanation given, to endorse the ICFA guidelines ... as set out in document CERN/SPC/466" (CERN/SPC/467, page 14).
5. The main item on the agenda of the ICFA meeting on 30 January 1992 in Dallas was the future role of ICFA in the light of the changes in the world situation of particle physics since the mandate of the Committee was re-defined in 1985 (see point 1). Among the topics discussed was the suggestion to drop the last paragraph of the guidelines for the interregional use of the large facilities. The view was reiterated that the concerns of 1980 of a possible lack of balance of the use of the major facilities by the different regions, when considered over a sufficiently long period of time, had been without foundation. In addition it had been shown in practice that the first five guidelines had been implemented without major difficulties and had indeed led to a productive and efficient use of the complementary facilities in the different regions of the world.

6. ICFA therefore decided to (a) take note of the essential role which the ICFA guidelines had played in leading to a wide-ranging international collaboration in particle physics and of their continued importance for the utilization of the new large facilities now under construction or envisaged; and (b) to delete the last paragraph of the 1980 text of the guidelines.
7. The Laboratory Directors will therefore be asked by the Chairman of ICFA to approve (within their own internal procedures) this revised version of the guidelines.
8. The Director-General wishes to follow the same procedure as in 1980 and therefore submits the new text of the guidelines, as given in Annex III, to the Scientific Policy Committee for approval. In view of the large number of users from Non-Member States, its related consequences may have significant effects on the future policy of CERN.

PRESENT MEMBERSHIP OF ICFA

Chairman: A.N. Skrinsky (1990-1992).

Secretary: W.O. Lock (1978 - 1992).

Members:

CERN Member States

V. Soergel (1987-1992);

C. Rubbia (1988-1993);

J.-E. Augustin (1990-1992).

IINR Member States other than USSR

D. Kiss (1987-1992).

USA

J. Peoples (1990-1992);

R. Schwitters (1990-1992);

G.H. Trilling (1988-1993).

USSR

A.N. Skrinsky (1983-1992);

V.I. Kryshkin (1990-1992).

One new person still to be nominated

China

Fang Shou-xian (1985-mid-1992).

Fourth Region

D.G. Stairs (1990-1992).

"Other Countries" IUPAP Category (Japan since 1984)

S. Yamada (1990-1992).

Chairman of the IUPAP Commission on Particles and Fields (ex officio)

T. Fujii (1991-1993).

ICFA GUIDELINES ON THE INTERREGIONAL UTILIZATION OF HIGH ENERGY PHYSICS ACCELERATOR FACILITIES

(Agreed by ICFA at its Fifth Meeting held at CERN on 9 July 1980)

Considering that in the future major experimental facilities for high energy particle physics research, notably the very largest particle accelerators and colliding beam machines, are likely to be few in number, probably only one of each type of the very highest energy, and that these machines will be located in different regions of the world,

And recognizing that experimental physicists from all regions will wish to gain access to these few machines in order to pursue their research,

ICFA proposes that the regional laboratories operating these facilities should adopt a common policy towards experimental physicists from other regions seeking to use the facilities they operate. The guidelines proposed are as follows:

1. The selection of experiments and the priority accorded to them are the responsibility of the laboratory operating the regional facility.
2. The criteria used in selecting experiments and determining their priority are:
 - (a) scientific merit
 - (b) technical feasibility
 - (c) capability of the experimental group
 - (d) availability of the resources required.
3. It is expected that teams from other regions will normally wish to join with local regional teams to form experimental groups in proposing and carrying out experiments using a regional facility. The national or institutional affiliations of the teams should not influence the selection of an experiment nor the priority accorded to it.

4. The availability of the resources needed for the experiment are examined at the time of selection of the experiment (see 2 (d) above). The contributions of each team and of the operating laboratory to an experiment are the subject of agreements drawn up between the operating laboratory and the authorized leaders of the teams in the experimental group. When appropriate, realisation of the proposals approved may be effected within the framework of bilateral and multilateral agreements in force or newly reached arrangements.
5. Operating laboratories should not require experimental groups to contribute to the running costs of the accelerators or colliding beam machines nor to the operating costs of their associated experimental areas.
6. It is expected that averaged over a reasonable period of time the application of guide-line 2. above will lead to a balanced use of the major new facilities by the regions concerned. However, if at any time an operating laboratory finds that the participation of teams from other regions in their experimental programme is becoming excessive, the operating laboratory may be obliged to limit that participation. Any such action should be accompanied by discussions with the relevant authorities of the regions concerned and consultations with the other operating laboratories subscribing to the guidelines laid down in this document.

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ICFA GUIDELINES ON THE INTERREGIONAL UTILIZATION OF HIGH ENERGY PHYSICS ACCELERATOR FACILITIES

(Agreed by ICFA at its Twenty-first Meeting
held at the SSC Laboratory, Dallas on 30 and 31 January 1992)

Considering that in the future major experimental facilities for high energy particle physics research, notably the very largest particle accelerators and colliding beam machines, are likely to be few in number, probably only one of each type of the very highest energy, and that these machines will be located in different regions of the world,

And recognizing that experimental physicists from all regions will wish to gain access to these few machines in order to pursue their research,

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