



EUROPEAN COMMISSION
RESEARCH DIRECTORATE-GENERAL
Directorate D - European Research Area : Human Factor
Unit D.3 - Research Training Networks
The Head of Unit

Brussels,
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Professor Alain BLONDEL
Université de Genève
Département de Physique Nucléaire et Corpusculaire,
Section de Physique
Quai Ernest Ansermet, 24
CH-1211 Geneve

Programme “Improving the Human Research Potential and the Socio-economic Knowledge Base 1998-2002” – Research Training Networks
Call identifier: IHP-RTN-00-2

Subject: Current Status of Evaluation of Proposal Number RTN2-2001-00150

Dear Professor BLONDEL

I would like to inform you that the Commission services with the help of independent experts have recently evaluated the proposals submitted in the context of the above mentioned call. This includes the proposal entitled: **“Design Studies for a European Neutrino Factory Complex”** submitted by yourself.

You will find attached a copy of the Evaluation Summary Report on your proposal as drafted by the independent experts. Please note that those proposals which did not pass either the evaluation threshold for quality and content of the network’s training programme (23/30), and/or the minimum total threshold (70/100) for the three primary evaluation criteria are by definition excluded from funding.

On the basis of the recommendations of the experts, the Commission services drew up a ranked list of all the proposals evaluated which passed the required threshold. The most highly ranked proposals will be invited, in successive groups, to enter into contract negotiations with the Commission services. Their number will depend on the Community funding available for supporting proposals under this call.

This information letter should not be regarded under any circumstances as prejudging the final Commission decision on your proposal, which will be communicated to you in due course.

I would be grateful if you could inform the other participants in this proposal of the content of this letter. For any further inquiries please contact Stephen Davies tel: 00.32.2.296 32 48, e-mail: stephen.davies@cec.eu.int.

Yours sincerely,



Bruno SCHMITZ

Encl. Evaluation summary report

**Human Potential Programme
Research Training Networks
Second Call for Proposals – IHP-RTN-00-2**

**Evaluation Summary Report
Physics**

Proposal Number: RTN2-2001-00150

Proposal Title: Design Studies for a European Neutrino Factory Complex

Proposal Acronym: EUNuFact

Evaluation criteria	Maximum Scores	Scores given by the Panel
Block 1: Scientific merit of the collaborative research project	40	30
Block 2: Quality of the network partnership, organisation and management	30	22
Block 3: Quality and Content of the networks training programme	30	21
Total	100	73

Secondary Criteria:

- (a) Training in a context promoting interactions between different disciplines and/or in complementary research teams 7/10
- (b) Training in an industrially relevant context 5/10

Detailed comments attached

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Block 1: Scientific merit of the collaborative research project

Future neutrino factories without any doubt will significantly improve the sensitivity of current neutrino-mass and neutrino-oscillations research. However, the applicants did not compare their project with other projects which are currently approved, or close to approval, like combination of Japan Large Hadron Facility and Super-Kamiokande, or European project for build up "multipurpose" high intensity proton accelerator. Also current effort of CERN-Grand Sasso collaboration exploiting neutrino beam from CERN accelerator's facility hitting Grand Sasso neutrino detector is not mentioned neither its experience used. Moreover, essential part of project working plan is assuming approval of MUSCAT experiment for which is even not yet known where it will be carried out if ever. Hence, the project in its current form is premature and comparison with current state-of-art is inadequate.

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Block 2: Quality of the network partnership, organisation and management

The network consists of well established high-quality nodes which address nicely the different aspects of the joint project. The synergy of the collaboration, however, is difficult to assess on basis of the application. Also the division of the organisational responsibility between the nodes is not obvious. The working-group idea is good and the co-ordinator and his deputy are highly experienced in directing large collaborations.

However, there is no clear distinction between current Steering group of ECFA study and future management of network. What is the relation to world-based NUFAC activity and future network?

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Block 3: Quality and Content of the networks' training programme

The training program lacks of longer (several months) exchange visits of young researchers between nodes. While the working visits at CERN is standard approach in particle physics community, one expect from EU supported network more international aspect allowing really get in touch with multi-facet of Europe. The promoting of instantaneous interaction between young researchers by the means of internet will be helpful, too. More details of the previous training experience could have been useful. It is also not clear if all the training opportunities of various nodes are taken into account. No detailed account of special measures for delivering the training is given.

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Secondary Criteria:

- (a) Training in a context promoting interactions between different disciplines and/or in complementary research teams
- (b) Training in an industrially relevant context

The project contains a substantial component of multidisciplinary and applies it in the training. A more detailed account of this aspect should have been included into the application. There is also an industrial component in the project but it is not exploited in the training of young researchers.

Ethical Issues and Communities Policies

Guidelines