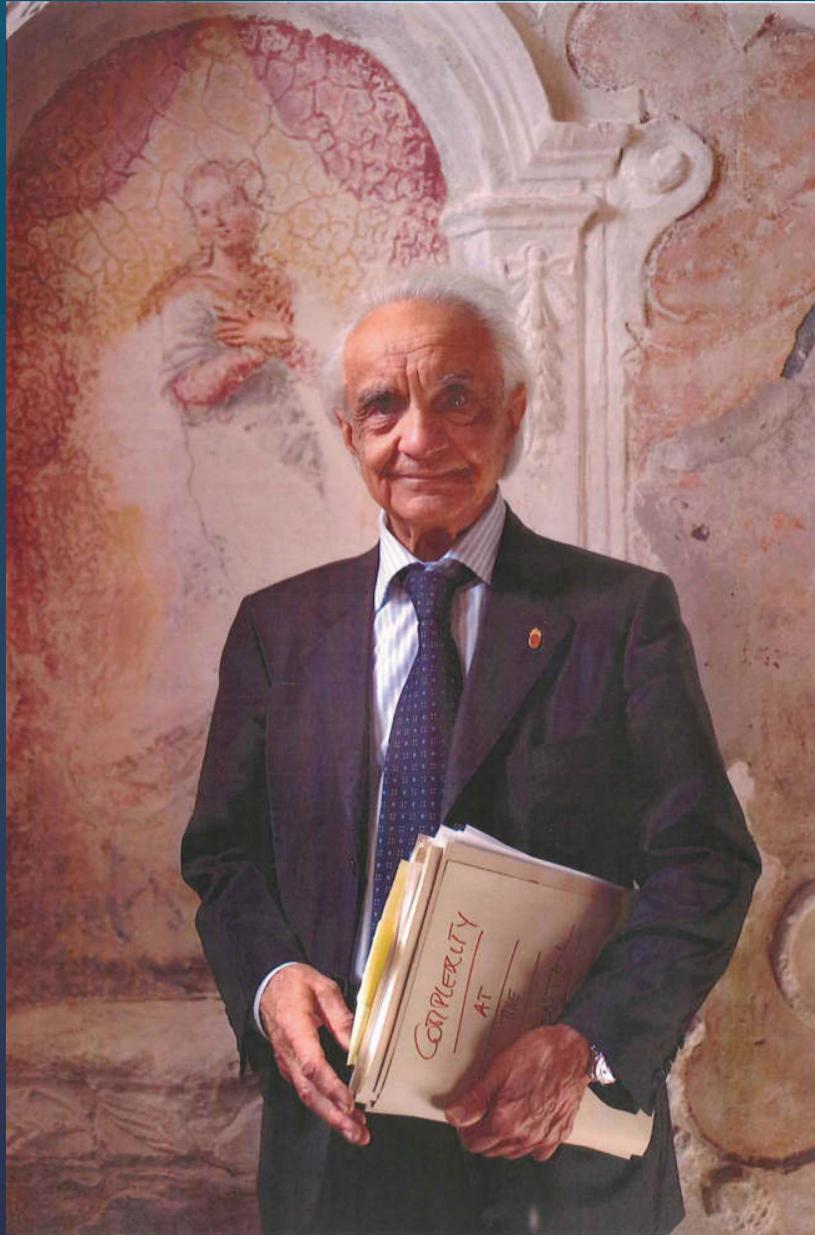


PRESENTATION DAY
OF CENTRO RICERCHE "ENRICO FERMI" ACTIVITIES
FOR THE SCIENTIFIC COUNCIL
AND THE INTERNAL EVALUATION COMMITTEE

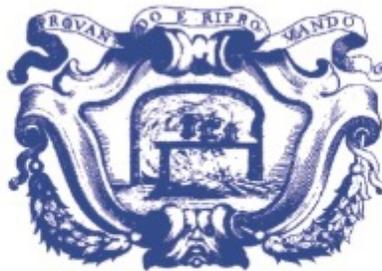
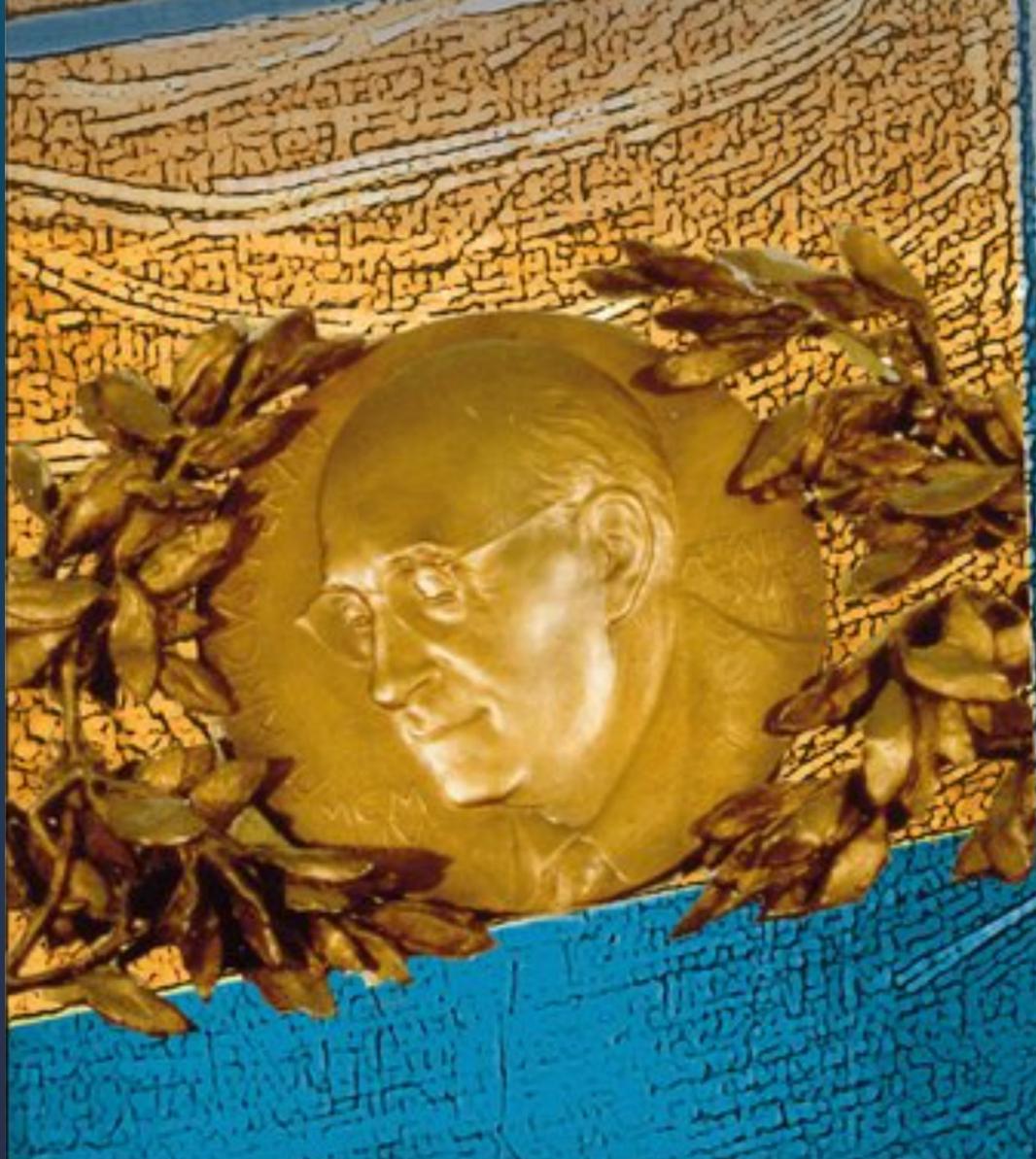
Rome, 19 February 2026

Homage to Antonino Zichichi

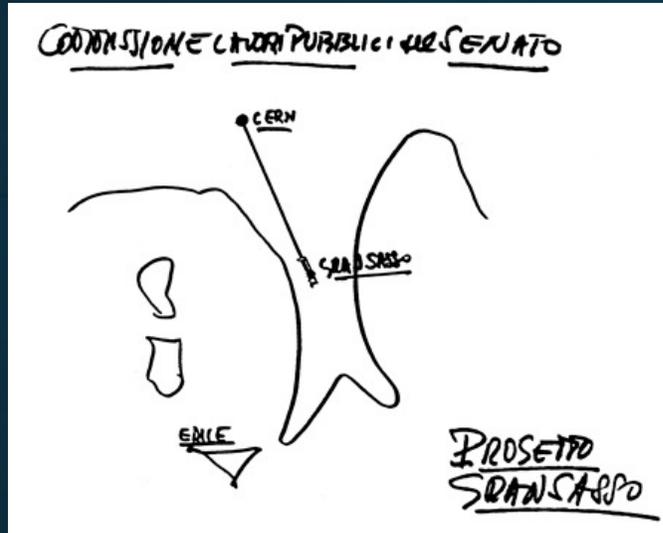
Luisa Cifarelli
University of Bologna — INFN, Bologna
Centro Ricerche "Enrico Fermi"



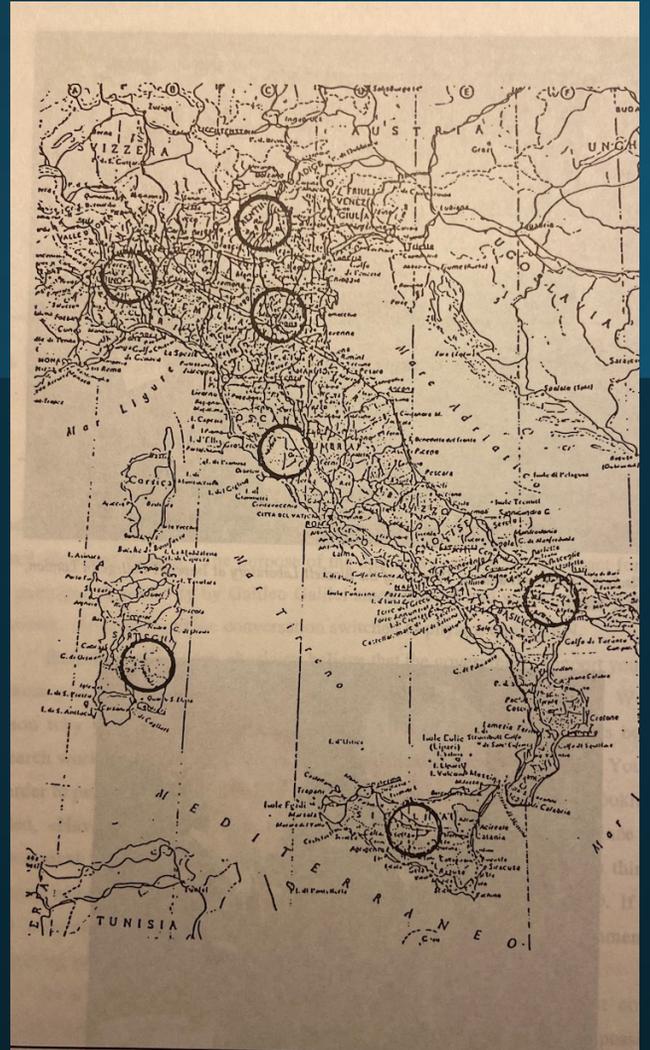
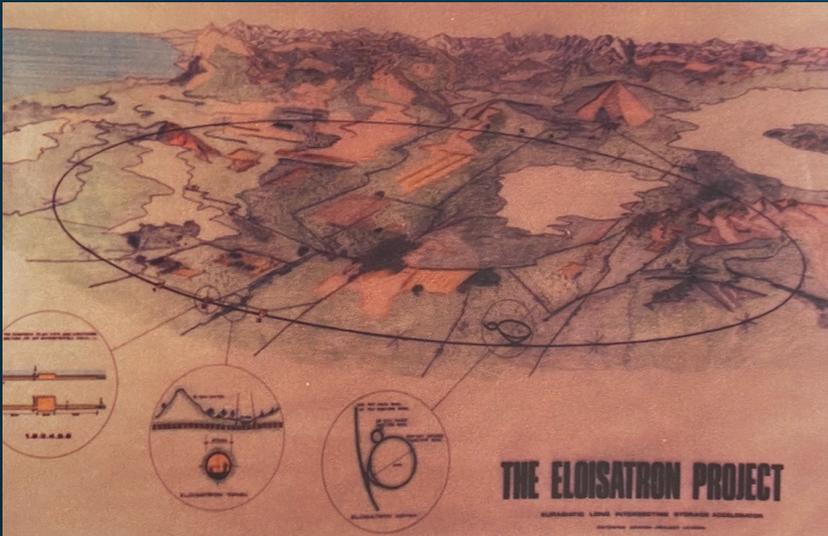
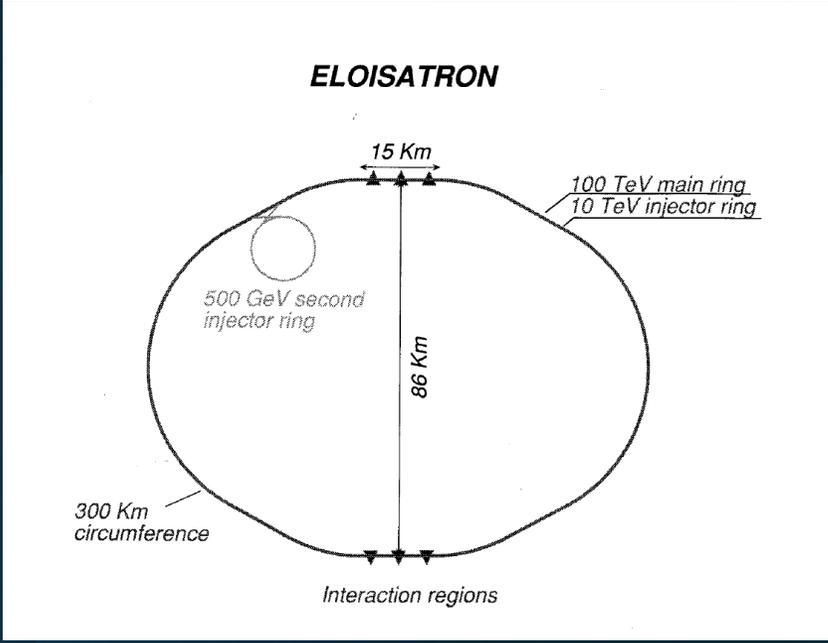




SOCIETÀ ITALIANA DI FISICA







Symposium in honour of Antonino Zichichi
to celebrate the 30th anniversary of

THE DISCOVERY OF NUCLEAR ANTIMATTER

Edited by L. Maiani and R. A. Ricci

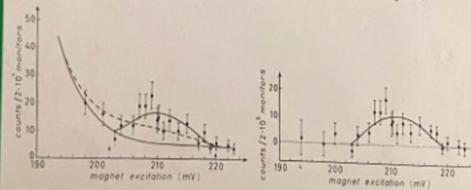
IL NUOVO CIMENTO Vol. XXXIX, N. 1 1° Settembre 1965

Experimental Observation of Antideuteron Production.

T. MASSAM, TH. MÜLLER (*), B. RIGHINI, M. SCHNEEGANS (*) and A. ZICHICHI
CERN - Geneva

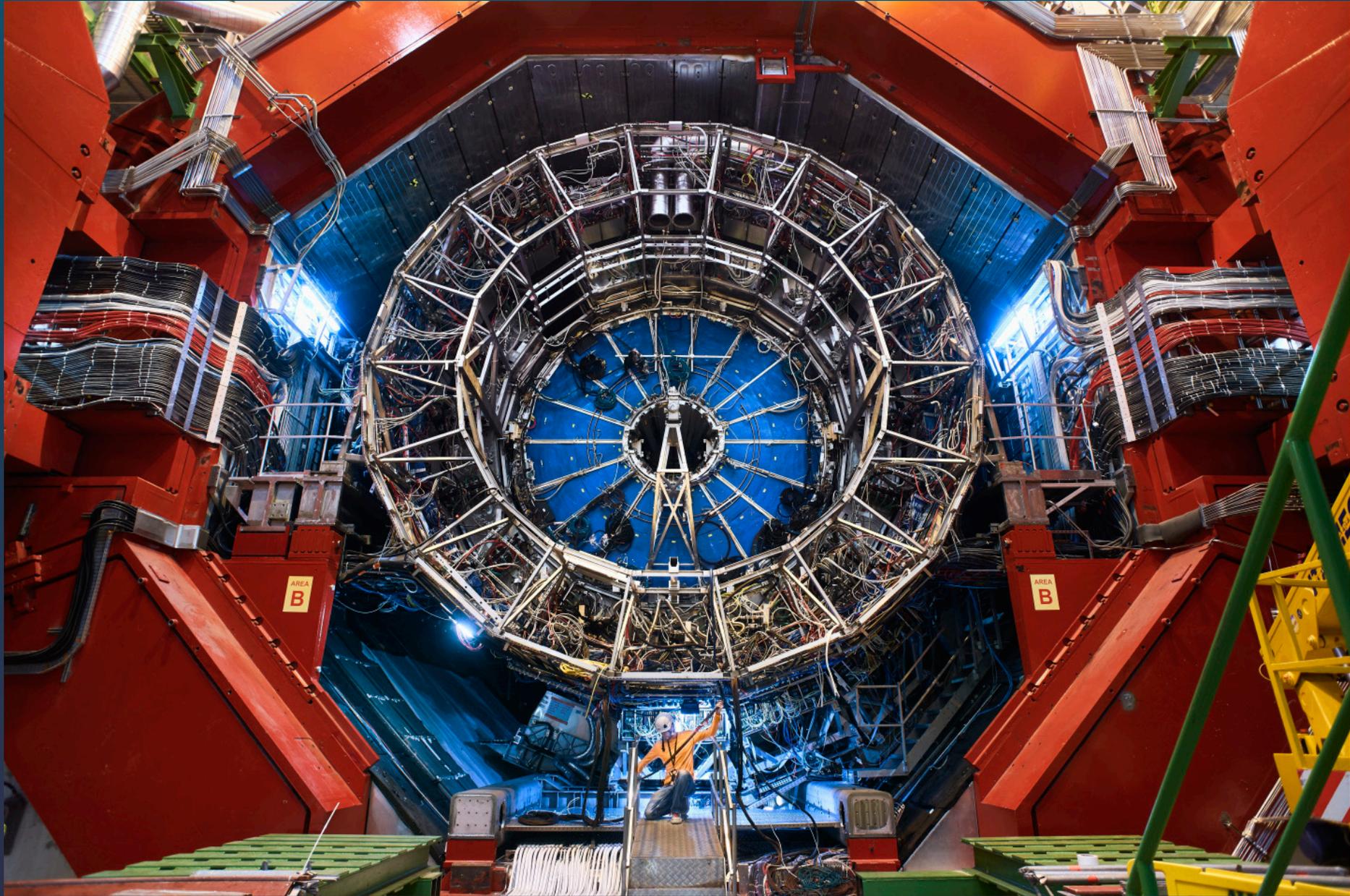
(ricevuto il 13 Marzo 1965)

Summary. — The results of an experiment which show the existence of antideuterons in the production process proton-beryllium are reported.



«I think that this discovery of antimatter was perhaps the
biggest jump of all the big jumps in physics in our century»

Werner Heisenberg





International School of Subnuclear Physics





ERIC STATEMENT

It is unprecedented in human history that mankind has accumulated such a military power to destroy, at once, all centers of civilization in the West and to a great degree those parts of the planet.

The danger of a nuclear holocaust is not the main objective cause of the present development of pure science. It is the fact that science in the study of the fundamental laws of Nature. Technology is the study of how to power of mankind's culture. Technology can be for peace and for war. The choice between peace and war is not a scientific choice. It is a cultural one. The culture of love produces peaceful technology. The culture of hatred produces instruments of war.

Love and hatred have excited fever in the hearts and minds of nations. Peace and instruments of war. In the so-called "race" of the 20th century, the imperative that culture of love wins.

Our numerous number of scientists have seen time before peace research and military applications. This is a fundamental principle for the arms race.

It is necessary that a new trend develops inside the scientific community and in an international form. The basic factors needed are: it is of vital importance to reject the war culture.

To start an effective process to prevent human life and culture from a final and unprecedented catastrophe. The peace movement which this it is necessary to change the peace movement from a unilateral action to a truly international one involving proposals based on mutual and true understanding.

Here are our proposals:

1. Scientists who wish to devote all of their time, fully, to study the scientific or technological basic laws of nature, should in no case suffer for this free choice to do only pure science.

2. All governments should make every effort to reduce or eliminate restrictions on the free flow of information, ideas and people. Such restrictions add to suspicion and animosity in the world.

3. All governments should make every effort to reduce secrecy in the technology of defense. The practice of secrecy paralyzes, hinders and inhibits. To start a long for military secrecy will create greater hostility than offered by disclosure.

4. All governments should continue their action to prevent the acquisition of nuclear weapons by additional nations or non-national groups.

5. All governments should make every effort to reduce their nuclear stockpiles.

6. All governments should make every effort to reduce the causes of insecurity of non-nuclear powers.

7. All governments should make every effort to ban all types of nuclear tests in war technology.

Conclusions

Those Scientists in the East and in the West - Who agree with this "Eric Statement", express morally themselves to do everything possible in order to make the new trend, outlined in the present document, to become effective all the world over and as soon as possible.

P. Q. M. Dine P. Rapin

Eric, 24 August 1982 (Mi, Vil'el)

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