

Administration  
Umeå University  
SE-901 87 Umeå, Sweden

November 4, 2013

Dear Administration of the University,

RE: **315-998-13**

I apply to you for the Baltic Group Postdoctoral Fellowship for the Internationalization of the Humanities at the Umeå University. However my case is very much specific and does not fit in your standard system of requirements and procedures, while suiting well the purpose of the Group.

I am an independent researcher, Candidate of Science of 1965 (approximately PhD in Technology), an Israeli citizen, currently a pensioner, 78. For over 30 years, I was engaged in an independent research in Systems Theory and Theoretical Physics and obtained results of fundamental significance for physics and, as it has become clear recently, for modern science in general including humanities. My research in physics, not recognized yet officially, initiates the reform of modern physics and, owing to its new method based on Hegel's philosophy, reveals the structure of science in general. That result has enabled me to develop a methodology of the reform of modern science and create frameworks for the science of politics and economics, nonexistent or underdeveloped before. That development is destined to become a turning point in the history of both philosophy and science, heralding changes in society as well.

To proceed with the reform of science, I have launched my website, *The Reform Science Center*, [www.reformscience.org](http://www.reformscience.org), which has already seen thousands of visits. Now, to proceed with the reform of science *and* education on a large scale, it is necessary to engage and organize the world scientific community, which requires some coordinating International Scientific Center. The Baltic Group fellowship program seems to be a unique opportunity to start realizing such a project.

As to the doctorate certificate and referees, in conditions of the present ideological crisis, the crisis of modern science and its institutions, with my status of Independent Researcher, I have had, and still have, no chance to meet your formal requirements. So, unless you are satisfied with my documents, you might send my works to referees of your own choice and organize my doctorate defense of them.

In this connection, taking into account that the reform of modern science and education is of vital importance for the destiny of civilization, of Europe in particular, and, if supported by the Baltic Group, would greatly enhance its influence in Europe, would you please consider an opportunity to overcome the above formal discrepancies and grant me the Baltic Group fellowship. Please find enclosed my documents and papers.

Yours sincerely,  
Igor Makarov, PhD, Independent Researcher  
P.O. Box 461, Haifa 31003, Israel  
Tel/fax: +972-(0)4-822-1997; mobile: +972-(0)547-856-170  
E-mail: [info@reformscience.org](mailto:info@reformscience.org)

Enclosure:

1. My Curriculum Vitae and photo
2. The list of relevant publications
3. Copies of the grade and degree certificates
4. The research plan including the plan of internationalization activities
5. Contact details of two academic references

## **Curriculum Vitae (1953-2013)**

**Igor Stepanovich Makarov**  
**(b. 18.08.1935, Moscow)**

**1953-1958** Student of the Moscow Institute of Communications. Graduation with honor.

**1958-1960** Engineer of the Research Department of the above Institute, the Chair of the Magnetic Recording.

**1961-1964** Post-graduate student of the above Institute. I defend the dissertation, "*Investigation of the Methods of Efficient Digital Magnetic Recording*", and is conferred the degree of *The Candidate of Engineering Sciences* (approximately equivalent to the PhD in Technology).

**1964-1976** Senior Researcher at the Research Institute of Radio (Moscow). I am engaged in R&D of digital relay systems. I develop two projects of highly efficient systems but, because of a kind of mismanagement on the part of administration and the lack of resources, I am deprived of conditions to complete the projects and eventually leave the research department.

**1976-1984** Leading Engineer at the Department of Scientific and Engineering Information of the Institute.

**1984-1992** Engineer. Miscellaneous firms dealing with electronics. In July 1992 I immigrate in Israel.

### **My independent research and further life**

**1968-2005** Late in the 60s, independently of my official work, I started my own research in Systems Theory which gradually involved Theoretical Physics and Philosophy and eventually yielded results of fundamental significance for physics.

**1996-2006** I travel across Europe (Britain, France, Germany, Austria, Bulgaria), live for two years in Canada, proceeding whenever possible with my research and eventually returning to Israel, with my research significantly developed. I manage to publish several parts of the research in the *Indian Journal of Theoretical Physics* (1996-2005, Calcutta).

**2006- August 2007** I live for a year in Britain (Greater Manchester). In July 2007 I print with my own hands two books with my research in physics, "**A Theory of Ether Generating Matter**" and "**A Theory of Ether, Particles and Atoms**", and donate them to academies and libraries of some western countries. In August 2007 I return to Israel.

**August 2007-2009** The Ministry of Immigration provide me with a social accommodation in a hostel with a special regime formally prohibiting any activity except '*simple living*' and not guaranteeing common security – actually a concentration camp controlled thoroughly by Russian agents, the only place really available for me in Israel. I register my above research at the Copyright Office. In March 2009 I print privately a hundred copies of the second, corrected edition of the book. In November 2009 I visit Amsterdam and distribute dozens of the book copies to universities and institutions the world over, on top of the electronic version of the book sent to them earlier.

**2010-2012** I correct the second edition of the book. I set up my own website, **The Reform Science Center**, [www.reformscience.org](http://www.reformscience.org), with an **Archive** at [www.keepandshare.com](http://www.keepandshare.com), and publish my research online. I write three articles, "**Reforming Modern Science by Metascience**", "**The Logical Framework of Economics**" and "**The Science of Politics**", and publish them online. I write a small book, "**Reform of Modern Science. Politics. Economics**", and publish it online and at Amazon.com. All my efforts are now directed towards turning my above virtual organization into an international NGO aimed at reforming modern science on a broad scale; but my real living conditions seem to have made those efforts futile.

**2013** I make a trip to Berlin trying to get support to my scientific activities from some left organizations and institutions but so far without any effect.

---

## THE LIST OF MY RELEVANT PUBLICATIONS

1. Igor S. Makarov. The Functional Complexity of Linear Systems. *"Transactions of the Research Institute of Radio"* (Moscow, Russian), No. 2, 1969.
  2. Igor S. Makarov. Introduction to a Non-formal Theory of Vacuum. *Indian Journal of Theoretical Physics*, No.2, vol. 44, 1996.
  3. Igor S. Makarov. Spontaneous Generation of Neutrons in Vacuum. *Indian Journal of Theoretical Physics*, No.1, vol. 52, 2004.
  4. Igor S. Makarov. The Neutron Becoming the Atom. *Indian Journal of Theoretical Physics*, No.4, vol. 52, 2004.
  5. Igor S. Makarov. Evaluation of the Parameters and Characteristics of Ether. *Indian Journal of Theoretical Physics*, No.4, vol. 53, 2005.
  6. Igor S. Makarov. *A Theory of Ether Generating Matter*. Open University Press. Manchester. UK, 2007.

---

  7. Igor S. Makarov. *A Theory of Ether; Particles and Atoms*. Open University Press. Manchester. UK, 2007.
  8. Igor S. Makarov. *A Theory of Ether; Particles and Atoms. Second Edition*. Open University Press. Manchester. UK, 2009.
  9. Igor S. Makarov. *A Theory of Ether; Particles and Atoms. Second Edition*. 2010. Open University Press. Manchester. UK. Order: [www.amazon.com](http://www.amazon.com), ISBN-13: 9 781441478412. Online text: <http://kvisit.com/S2uuZAAQ>; its cover: <http://kvisit.com/S2-uZAAQ>.
  10. Igor S. Makarov. *Reform of Modern Science. Politics. Economics*. Reform Science Center, 2012. Order: [www.amazon.com](http://www.amazon.com), ISBN-13: 9 781469985770. Online text: [http://kvisit.com/So\\_rUAAQ](http://kvisit.com/So_rUAAQ); its cover: <http://kvisit.com/St6zYAAQ>.
-

## My graduate diploma





# My degree diploma



## **My Research Plan: “Internationalization of the Humanities through their reform”**

The research plan and that of internationalization activities are interconnected and consist of five main directions as follows:

### **1. Working out a methodology for internationalization of the Humanities through their reform.**

This part of the research is to be accompanied by the following my activities:

- defending my research in physics, “*A Theory of Ether, Particles and Atoms*”, initiating the reform of modern physics as a doctorate at the university; the Baltic Group is expected to assist me in organizing such an event necessary to add credibility to my fellowship and my further works based on that research; as I mentioned in my cover letter, such a defense has been absolutely impossible before, given my status of independent researcher and the present critical situation in science, especially in physics;
- organizing lectures, seminars and workshops on the methodology of the reform;
- organizing lectures, seminars and workshops in the new physics advanced by my above research;
- preparing a textbook and an online course in the new physics for universities;
- possibly, propagating knowledge in the new physics at physical conferences.

### **2. Editing and complementing my work “The Science of Politics” paving the way to the internationalization of politics.**

This part of the research is to be accompanied by the following my activities:

- organizing lectures, seminars and workshops in the new political science;
- publishing the new science;
- organizing, and participating in, the development of the above work into a textbook and an online course for universities.

### **3. Editing and complementing my work “The Logical Framework of Economics” paving the way to the internationalization of economics.**

This part of the research is to be accompanied by the following my activities:

- organizing lectures, seminars and workshops in the new science of economics;
- publishing the new science;
- organizing, and participating in, the development of the above work into a textbook and an online course for universities.

### **4. Founding an International Center of Science in UMEÅ (ICSU) and developing its documentation - with strong participation of other members of the Baltic Group.**

This part of the research is to be accompanied by the following my activities:

- setting up an NGO for the ICSU, with myself being its Director General;
- organizing the staff of the ICSU and supervising its functioning;
- launching a website for the ICSU and editing it;
- taking measures to start raising the ICSU Fund.

### **5. Working out the principles of the internationalized policy in science - with strong participation of other members of the Baltic Group.**

This part of the research is to be accompanied by the following my activities:

- discussing the internationalized policy in science with major scientific centers in Europe (MPG, LSE, UNESCO, etc);
- organizing an **International Arbitrage in Science** (ICSU-IAS) and working out its Charter;
- discussing the prospect of reforming religion to organize it as a science suitable for universities.

# THE PHYSICAL REVIEW

AND

## PHYSICAL REVIEW LETTERS

EDITORIAL OFFICES - 1 RESEARCH ROAD

BOX 1000 - RIDGE, NEW YORK 11961

Telephone (516) 924-5533

Telex: 971599 AMPHYSSOC Fax: (516) 924-5294

Cable Address: PHYSREV RIDGENY

BITNET Address: pra,b,c,d,l@APSEDOFF

25 May 1990

Dr. I. S. Makarov  
Ap. No. 221, Hs. No. 10-A  
Leskov Street  
Moscow 127349, USSR

Re: Manuscript No. SR4111D

Dear Dr. Makarov:

We have received your letter of 30 January and accompanying manuscript entitled "Non-formal introduction to the theory of vacuum." We have carefully examined the manuscript.

At the current time, Physical Review D does not, in general, publish papers on alternatives to or alternative formulations of currently accepted theories unless stringent requirements are met. Speculative theoretical papers that lie outside the mainstream of current research must justify their publication by satisfying requirements that include (1) a clear discussion of the motivation for the new speculation, (2) a discussion of what experiments could be done to show that the conventional theory needs improvement, (3) an analysis showing that the new theory is not already disproven by experiments, and (4) a discussion of what new experiments could be done to test the new theory.

In view of these requirements, we conclude that your paper is not suitable for publication in Physical Review D, and we are returning the manuscript to you. We wish you success in seeking publication elsewhere.

Yours sincerely,

*D. Nordstrom*

D. Nordstrom  
Editor  
Physical Review D

DN/bm  
Enclosure



# Physica Scripta

An International Journal for Experimental and Theoretical Physics

Dr Igor S Makarov  
P O Box 14150  
61141 TEL-AVIV  
Israel

May 6, 1996

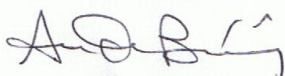
Dear Dr Makarov,

**Re your papers "Introduction to a non formal theory of vaccum"  
"Spontaneous generation of neutrons in vaccum"**

I regret to inform you that the above mentioned paper is not accepted for publication in Physica Scripta. The two papers are much too speculative and outside the main stream of conventional physics.

I enclose the original manuscripts.

Yours Sincerely,



Anders Barány  
Executive Editor



**My photo**



**Igor S. Makarov, 2011**