

# Call to Fund an Independent Research Facility

A brief presentation about fundamentally new developments in physics & technology, novel energy technologies, the potential of non-mainstream science & its present achievements, and a positive evolution of mankind

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Dr. Frank Lichtenberg

Augsburg (Germany)

[www.novam-research.synthasite.com](http://www.novam-research.synthasite.com)

novam@nlp-nicoletta.de

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## Background and motivation of this call

In recent years it has become more and more evident that several non-mainstream scientists, researchers and inventors have achieved significant results which are relevant for a positive evolution of mankind. The frontiers of the present established academic science are already crossed and the doors for fundamentally new developments are open, even if this is less known in public. For example, nowadays we can proceed from the assumption that there are novel and environmentally friendly energy technologies which are based on an extraction of energy from space-time or quantum vacuum (see pages 4, 6, 7 and 10 for references and links). This kind of energy is present in huge amounts at every location on earth and in the universe and is called space energy, vacuum energy, zero point energy or free energy. Energy technologies which tap this kind of energy do not need any fuels, are emission-free and provide usable energy at any place and any time. They have the potential to replace all conventional energy conversion devices such as combustion engines, nuclear power plants, hydroelectric energy and solar power.

These statements are comprehensible for those who follow up the developments in the area of an extended physics / science in an open-minded, critical and careful way and are able to grasp these subjects not only by their mind but also by their intuition.

To substantiate these statements we refer on the following page to three significant and tangible achievements, i.e. commercially available products, which have recently been created by non-mainstream science:

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- **Novel electric energy technology “Fostac Maximus“:** This device, once installed into the electric circuit of a building, neutralizes electromagnetic pollution and diminishes the consumption of electric energy from the power grid by an admixture of electric energy which is generated via an unconventional energy technology. For downstream loads there is a physically and financially measurable decrease of the consumption from the power grid up to 30 percent. More than 2.000 devices are already in use. For further information see [www.fostac-technologies.ch](http://www.fostac-technologies.ch)
- **Data security systems “Protosafe“ and “Secure Ball“:** These systems are based on Global Scaling – a new knowledge and holistic approach in science (see page 8) – and permit via internet an absolutely secure transmission of data, communication and use of PIN codes. For further information see [www.secureball.com](http://www.secureball.com) , [www.protosafe-security.com](http://www.protosafe-security.com) , [www.global-scaling-institute.de/36-1-Data-Security.html](http://www.global-scaling-institute.de/36-1-Data-Security.html) and [www.globalscalingapplications.com](http://www.globalscalingapplications.com)
- **Fuel saving device “Drion Power“:** This device, once installed into the combustion engine of a car or another fuel-driven machine, results in a reduction of fuel consumption of 10 – 15 percent in a physically and financially measurable manner. For further information see [www.drionpower.de](http://www.drionpower.de) (in German) and [www.borderlands.de/net\\_pdf/NET1108S4-8.pdf](http://www.borderlands.de/net_pdf/NET1108S4-8.pdf) (in German)

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These recent achievements penetrate gradually the market and represent significant examples which embody the beginning of a new era in science and technology.

Nevertheless, to make the entire potential of the new areas in science and technology beneficial for the whole mankind, more research and development is required. Until now there is no appropriate support in this field, neither from the governments and the present established academic science, nor from private industrial companies. Therefore it is obvious to call for the funding of an independent research facility. Invited for its funding are especially wealthy and courageous women and men who want to make a difference. The intention of this facility is to set a vital and powerful example which will contribute to a global paradigm shift in science, technology and consciousness and to a positive evolution of mankind. Its concrete purpose is the implementation of research and development in the field of an extended physics and technology, ranging from fundamental research to construction and testing of prototypes. This implies the creation of a frame which supports a free, independent, highly creative and truly innovative research.

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### Noteworthy in the context of the background and motivation of this call is

- a significant work of Prof. C. W. Turtur which is of fundamental relevance because it reports in a convincing way about the conversion of the so-called space energy, vacuum energy or zero point energy into mechanical energy. For further information see [http://public.rz.fh-wolfenbuettel.de/~turtur/physik/Vacuum-energy\\_popular\\_English.pdf](http://public.rz.fh-wolfenbuettel.de/~turtur/physik/Vacuum-energy_popular_English.pdf) (brief popular scientific paper) or [www.wbabin.net/physics/turtur1e.pdf](http://www.wbabin.net/physics/turtur1e.pdf) (detailed scientific paper)
- a novel energy technology developed by Prof. L. I. Szabo → see page 10
- the so-called Kondratieff interval, a roughly 55-year cycle, which is often cited in economic studies. According to that an economic and technical revolution is expected in the next years around 2012 which results from the development of fundamentally new technologies. For further information see e.g. page 51 in the article “To the Stars“ by W. B. Scott in “Aviation Week & Space Technology“, March 1, 2004, pages 50 – 53:  
[www.earthtech.org/press/2004.03\\_aviation\\_week.pdf](http://www.earthtech.org/press/2004.03_aviation_week.pdf)
- the open letter from the former astronaut Dr. Brian O’Leary to Al Gore from December 2006:  
[www.newenergymovement.org/olearygore.php](http://www.newenergymovement.org/olearygore.php)
- Prof. Brian D. Josephson’s lecture “Pathological Disbelief ” on cold fusion and other controversial subjects at the 54th Meeting of Nobel Laureates in Lindau (2004):  
<http://lenr-canr.org/acrobat/JosephsonBpathologic.pdf>

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## Examples of areas of research and development (with references and links)

- **Fundamentally new energy technologies which are based on an energy extraction from quantum vacuum, space-time, novel electronic transitions in atoms, cold fusion or other advanced concepts. They are environmentally friendly and have the potential to replace all conventional energy technologies.** See e.g.
  - “Conversion of the Vacuum Energy of Electromagnetic Zero Point Oscillations into Classical Mechanical Energy” by C. W. Turtur in The General Science Journal (2009): [www.wbabin.net/physics/turtur1e.pdf](http://www.wbabin.net/physics/turtur1e.pdf)
  - “How Do Space Energy Devices Work ?” by H. Eckardt: [www.aias.us/documents/miscellaneous/SpaceEnergy.pdf](http://www.aias.us/documents/miscellaneous/SpaceEnergy.pdf)
  - “Extracting Energy and Heat from the Vacuum“ by D. C. Cole & H. E. Puthoff in Phys. Rev. E 48 (1993) 1562: [www.earthtech.org/publications/PREv48\\_1562.pdf](http://www.earthtech.org/publications/PREv48_1562.pdf)
  - “Classical Electrodynamics without the Lorenz Condition: Extracting Energy from the Vacuum“, P. K. Anastasovski et al. (published in Physica Scripta 61 (2000) 513): [www.aias.us/documents/mwe/omniaOpera/omnia-opera-563.pdf](http://www.aias.us/documents/mwe/omniaOpera/omnia-opera-563.pdf)
  - Presentation “Review of Experimental Concepts for Studying the Quantum Vacuum Field” by E. Davis et al. (2006): [www.earthtech.org/reports/Davis\\_STAIF\\_Rev.Exper.Quant.Vac.Field.pdf](http://www.earthtech.org/reports/Davis_STAIF_Rev.Exper.Quant.Vac.Field.pdf)
  - Some companies: [www.fostac-technologies.ch](http://www.fostac-technologies.ch) , [www.gammamanager.com](http://www.gammamanager.com) , [www.chavaenergy.com](http://www.chavaenergy.com)  
[www.blacklightpower.com](http://www.blacklightpower.com)
  - Some associations and groups: [www.dvr-raumenergie.de](http://www.dvr-raumenergie.de) , [www.newenergymovement.org](http://www.newenergymovement.org)
  - The Tom Bearden website about energy from the quantum vacuum and electrodynamics: [www.cheniere.org](http://www.cheniere.org)
  - About a solid state device called crystal unit and assymmetric electric systems: [www.vakuuenergie.de](http://www.vakuuenergie.de)
  - Some Journals: [www.borderlands.de/inet.jrnl.php3](http://www.borderlands.de/inet.jrnl.php3) (“NET-Journal“, in German) , [www.infinite-energy.com](http://www.infinite-energy.com)
  - An introduction and overview on Low Energy Nuclear Reactions (LENR), also called cold fusion: [www.marwan-chemie.de/web%20Low%20Energy%20Nuclear%20Reactions.pdf](http://www.marwan-chemie.de/web%20Low%20Energy%20Nuclear%20Reactions.pdf)

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## Examples of areas of research and development (with references and links)

- **Searching for room temperature superconductors.** The interesting and fascinating physical phenomenon of superconductivity appears, until now, only at very low temperatures, and therefore its technical applications are limited to relatively few areas. If it is possible to create materials which are superconducting at room temperature, it could initiate a revolution in technology. More than 10 years fundamental research, experience, knowledge and ideas in the field of special materials (oxides) lead
  - to the conviction that superconductivity at room temperature is possible
  - together with Global Scaling – a new knowledge and holistic approach in science – to a new approach on the search for room temperature superconductors.

A presentation about this intended research project is available in [www.novam-research.synthasite.com](http://www.novam-research.synthasite.com)

- **Accelerated decay of radioactive nuclei for a riskless utilization of nuclear waste.** See e.g. “NET-Journal”, issue “November / Dezember 2006”, page 10 – 14 (in German)
- **Global Scaling – a new knowledge and holistic approach in science.** See
  - Global Scaling Research Institute: [www.global-scaling-institute.de/1-1-Home.html](http://www.global-scaling-institute.de/1-1-Home.html)
  - An introduction into Global Scaling, the so-called Global Scaling Theory Compendium: [www.global-scaling-institute.de/1-1-Home.html](http://www.global-scaling-institute.de/1-1-Home.html) → Downloads → Global Scaling Theory Compendium
  - Information about the German-language book “Global Scaling – Basis eines neuen wissenschaftlichen Weltbildes“: [www.novam-research.synthasite.com/resources/Global\\_Scaling\\_Buch\\_Info.pdf](http://www.novam-research.synthasite.com/resources/Global_Scaling_Buch_Info.pdf) (in German)
  - Fractal Scaling Models of Resonant Oscillations in Chain Systems of Harmonic Oscillators, H. Mueller, Progress in Physics 2 (2009) 72 – 76: [www.ptep-online.com/index\\_files/2009/PP-17-13.PDF](http://www.ptep-online.com/index_files/2009/PP-17-13.PDF)
  - Data security systems which are based on Global Scaling: [www.secureball.com](http://www.secureball.com) , [www.protosafe-security.com](http://www.protosafe-security.com) , [www.globalscalingapplications.com](http://www.globalscalingapplications.com)
  - Another interesting links: [www.globalscalingapplications.com](http://www.globalscalingapplications.com) and [www.ibgs.info](http://www.ibgs.info)

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## Examples of areas of research and development (with references and links)

- **Unified field theories such as**
  - **ECE Theory:** See [www.aias.us](http://www.aias.us)
  - **(Extended) Quantum Theory of Burkhard Heim:** See e.g. [www.heim-theory.com](http://www.heim-theory.com) and [www.hpcc-space.com/publications/documents/AIAA2006-4608LetterExtndVersionRevisedSept.pdf](http://www.hpcc-space.com/publications/documents/AIAA2006-4608LetterExtndVersionRevisedSept.pdf)
- **So-called Hadronic Mechanics / Physics / Mathematics, an extension of quantum mechanics for extended particles, non-local, non-linear and non-potential interactions.**  
See e.g. [www.telesio-galilei.com/hadronic.html](http://www.telesio-galilei.com/hadronic.html) , [www.i-b-r.org/ir00019a.htm](http://www.i-b-r.org/ir00019a.htm) , [www.i-b-r.org/Hadronic-Mechanics.htm](http://www.i-b-r.org/Hadronic-Mechanics.htm)
- **Subquantum kinetics / physics.** See e.g. “The Electric Charge and Magnetization Distribution of the Nucleon: Evidence of a Subatomic Turing Wave Pattern“ by P. A. La Violette in the International Journal of General Systems 37 (2008) 649 – 676: [www.starburstfound.org/downloads/physics/nucleon.pdf](http://www.starburstfound.org/downloads/physics/nucleon.pdf)
- **Advanced space propulsion.** See e.g.
  - “To the stars“ by W. B. Scott in Aviation Week & Space Technology from March 1 (2004) 50: [www.earthtech.org/press/2004.03\\_aviation\\_week.pdf](http://www.earthtech.org/press/2004.03_aviation_week.pdf)
  - “Spacetime Physics and Advanced Propulsion Concepts“ by W. Droescher & J. Hauser in AIAA (American Institute of Aeronautics and Astronautics) 2006 – 4608: [www.hpcc-space.com/publications/documents/AIAA2006-4608LetterExtndVersionRevisedSept.pdf](http://www.hpcc-space.com/publications/documents/AIAA2006-4608LetterExtndVersionRevisedSept.pdf)
- **Advanced physics and holistic life science such as consciousness research, influence of human thoughts and intentions on matter and events, and subtle energies and fields.** See e.g. [www.lifescientists.de](http://www.lifescientists.de) , [www.ismr.eu](http://www.ismr.eu) , [www.tcm.phy.cam.ac.uk/~bdj10](http://www.tcm.phy.cam.ac.uk/~bdj10) , [www.noetic.org](http://www.noetic.org)

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## Capital expenditure

**Estimated capital expenditure for start-up and the first five years:** Looking at the aims, intentions and areas of research and development, an amount of the order of 50 Million Euro seems to be reasonable. **For comparison:**

- The Perimeter Institute for Theoretical Physics was founded in 2000 by a donation of 100 Million Canadian Dollar from Mike Lazaridis. In 2008 he added a further donation of 50 Million Canadian Dollar. For further information see [www.perimeterinstitute.ca](http://www.perimeterinstitute.ca)
- 400 Million US Dollar has been spent for 20 years research and development to create novel and large electromagnetic generators for power plants. This fundamentally new energy technology was developed by Prof. L. I. Szabo and rests upon an extraction of the everywhere present space or vacuum energy. The present state of affairs according to L. I. Szabo: Several large electromagnetic generators with a power output in the MW range are presently under construction and some of these shall be put into operation in 2010. Meanwhile also smaller generators with a power output up to 50 kW were developed. They shall be presented in public in 2010 and commercially available in 2011. For further information see the company website [www.gammamanager.com](http://www.gammamanager.com) • abstract of a talk of L. I. Szabo at the congress "150 years Nikola Tesla" in 2006: [www.novam-research.synthasite.com/resources/EBM.pdf](http://www.novam-research.synthasite.com/resources/EBM.pdf) • a report about this technology (in German): [www.borderlands.de/net\\_pdf/NET0107S4-14.pdf](http://www.borderlands.de/net_pdf/NET0107S4-14.pdf) • website of the company TransAltec AG (in German): [www.transaltec.ch](http://www.transaltec.ch) → "Produkte" • page 25 in the issue "Juli / August 2009" of the journal "NET-Journal" (in German) • abstract of a talk given by L. I. Szabo at the congress "Neue Technologien im Einsatz" in November 2009 (in German): [www.novam-research.synthasite.com/resources/EBM2.pdf](http://www.novam-research.synthasite.com/resources/EBM2.pdf)

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## Closing words

A positive evolution of mankind and earth does not come about solely by scientific and technological progress, but requires rather the development of the “qualities of the heart“ such as compassion, peace, unconditional love, dignity, freedom, tolerance ...



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## About the author



- Born **1962** in Bremen (Germany)
- Marital status: married
- **1983 – 1989**: Study of physics at the University of Heidelberg (Germany)
- **1989 – 1992**: Doctoral thesis at the IBM Zurich Research Laboratory (Switzerland). Supervisor: Dr. J.G. Bednorz. Doctorate / PhD at the University of Zurich in 1991. **Field of work**: Synthesis of oxides – especially in crystalline form via the melt – and study of their properties, solid state chemistry / physics.
- **1992 – 1997**: Research scientist at the Research Center of the battery company VARTA (Germany) in the Nickel Metal Hydride Technology Department of Dr. U. Koehler. Two months stay as guest scientist in Tokyo (Japan) at the TOSHIBA Battery Company within a collaboration between VARTA und TOSHIBA.
- **1997 – April 2007**: Research scientist in the department of Prof. Dr. J. Mannhart at the Institute of Physics at the University of Augsburg (Germany). **Field of work**: Synthesis of oxides – especially in crystalline form via the melt – and study of their properties, solid state chemistry / physics.
- **Autumn and winter 2005**: Participation in a course in Global Scaling lectured by Dr. H. Mueller at the Global Scaling Research Institute (Germany)
- **Since May 2007**: Employment contract with the University of Augsburg could not be extended for formal reasons. Looking for an appropriate possibility to continue the experimental research work with own objectives, especially the intended research project "Searching for Room Temperature Superconductors" which is presented in [www.novam-research.synthasite.com](http://www.novam-research.synthasite.com) . Autonomous occupation with subjects in the area of (an extended) physics / science.
- **Miscellaneous:** Author / Co-author of 70 scientific publications and 6 patents  
Participation in several congresses and meetings about space energy in Germany, Switzerland, Austria and Hungary
- **Name & Address:** Frank Lichtenberg • D – 86150 Augsburg • Germany • Phone +49 (0)821 50 83 301  
• novam@nlp-nicoletta.de • [www.novam-research.synthasite.com](http://www.novam-research.synthasite.com)

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*Thank you for your attention*