

Conscious Gravity - ID: 57652

Type of Funding Request: Online Funding Inquiry
Status of this Funding Request: Draft/Saved

Instructions:

This PDF document is a read-only version of your funding request as it currently stands. You may print or save this document for your records. However, you **should not** attempt to edit this document. Any edits made to this PDF **will not** be saved in the Templeton Portal. If there are further edits that you would like to make to your funding request, please return to the request inside the Templeton Portal, select the appropriate section(s) of the form, make your edits, and save your work. After saving your work in the portal, you will be able to generate a new PDF version of the funding request that includes your recent edits.

Below you will find a list of all fields that must be completed before submitting this funding request to the Foundation. To complete these fields, please return to the request inside the Templeton Portal, select the appropriate section(s) of the form, add the required content, and save your work.

When all fields are completed and you are satisfied with your description of the proposed project, you may go to the Templeton Portal to submit your request. Please note **that all requests must be submitted through the Templeton Portal** and the Foundation will not accept this PDF as a valid application for funding.

After submitting your request, it will become read-only and you will not be able to make any additional edits.

Funding Request Info

- **Id:** 57652
- **Title:** (57652) Conscious Gravity
- **Request Status:** Draft/Saved
- **Core Funding Area:** Mathematical and Physical Sciences
- **Last Updated Date:** 09/05/14 5:22am

Request Type

Request Type: Core Funding Area (JTF's full range of grantmaking areas)

Core Area: Mathematical and Physical Sciences

What prompted you to request funding from the John Templeton Foundation?: Previous experience requesting funding

Application Country: Israel

Project Description

Project Title: Conscious Gravity

Executive Summary:

Gravity seems to fail at large distances. The observed matter can only explain about 5% of the gravitational force involved in the galaxies motion. Science has thus invoked the presence of dark matter and dark energy that correspondingly contribute ~20 & ~75% of the universe mass. A major scientific effort to find new particles that form dark matter and dark energy has, however, failed. This project addresses these two major problems in Astrophysics as well as several other philosophical questions, such as: Does God Exist? Are we all connected?...

In this project we propose to explore the idea that the origin of dark matter and dark energy is consciousness (the observer). This is a theoretical work that should produce several scientific papers. The output of this project is a new Gravitation Theory that adds consciousness into the equations as well as a new formalism that unifies all fundamental laws of Physics using the perception that every person observes the universe from its conceptual center – from the singularity.

The results of this research would change the way science treats spiritualism, faith and religion. If the new Gravity model is confirmed, scientists would have to accept the presence of a supreme force, which believers call God, scientists name singularity.

Project Activities:

1. Introduction

The common scientific conception is that the universe is separate from the observer. Many physicists have already recognized that consciousness (the observer) must be introduced to explain the results of Quantum Mechanics basic experiments and the duality nature of particles-waves. So far, such a behavior has been limited to the small quantum scale. We ask: "Is it applicable to the large scale?"

In mathematics a singularity occurs when a number is divided by zero. The theory of black holes stipulates that the mass is concentrated in a single point (a singularity) with an infinite density. It is also accepted that the universe emerged from a singularity in the Big Bang, yet the basic idea of singularity is still not clear.

2. A new meaning for the singularity

We suggest that singularity is in fact consciousness, the source and the essence of all of manifestation, at the center of every form and at the same time possessing all forms. It contains all space and all times, but it is spaceless and timeless. It is permanent and immutable. It is the Absolute.

3. Conscious Gravity

Our novel Gravitation Theory adds the observer as consciousness into the equations. In our model each person is in fact consciousness observing the universe from its conceptual center – from the singularity, through a body/mind organism. Fig. 1 displays our model of the universe. Each observer watches the universe from the center. The whole universe spills out of the singularity and returns to it. Every mass is understood as an expression of the source since it blocks the light emanating from the singularity, and the observer only sees the returning beam.

As observation happens through a limited personal experience, the spherical shape easily explains why 75% of the universe is unseen to the observer as three quarters of the sphere are hidden from him. This is a natural explanation of dark energy. The observer only sees a portion of the quarter that is close to him, and this is matter. The remaining ~20% is dark matter. It is revealed only when the observer opens his viewing angle. Dark matter and dark energy are not understood as new particles, but instead as the "blindness" of the observer.

The Hubble law assumption is to be reconsidered due the quantum reality of our suggested model. We offer to inspect the universe expansion rule under new conditions that should be revealed in our novel research. The Nucleo-synthesis and Recombination eras are to be

considered as quantum manifestation of the total universe states.

R. Lotan Glazer developed a new geometry named "Reflection Spaces" that yields the fundamental equations of relativity and Quantum Mechanics from pure mathematics. Using this theory it seems possible to solve Hilbert's sixth problem, i.e. the mathematical axiomatization of physics. Apparently, the universe is formed by numerous reflections of a single source from two "mirrors" that face each other. The mirrors themselves may be analogue to the most fundamental mental action: self-awareness. Many of Lotan's conclusions in the field of gravity as well as in other fields correlate with those of A. Retter and the theories complete each other. Together with I. Orion's knowledge in nuclear physics and Rabbi E. Greenboim's insights from the Kabbalah Jewish tradition it is hoped to unify all fundamental laws of physics.

We have made major progress in understanding these issues. Several equations have already been developed. In example, we have already found a theoretical equation that connects the singularity, dark matter and dark energy, and reproduced Schrödinger's equation from the reflection model. A. Retter has been working on these issues on his limited spare time. The funding is requested to allow him to dedicate his full time to these problems, to finish this work, to publish the results in scientific journals and to present them in professional meetings.

Project Description Attachment: uni_figs_col.doc

Statement of Significance:

Dark matter and dark energy are the two most important riddles in Astronomy and probably in Physics as well. Scientists don't know what 95% of the universe is made of! We propose a model for the universe that explains these mysterious forces by consciousness. It is a novel Gravitational theory and a revolution in Physics. The model states that each of us observes from the singularity, a conceptual point that we all share. It is the ultimate evidence for unity in the world. It is the scientific proof for the presence of God / Nature / Global Consciousness / Supreme force / Absolute or any other name to the shapeless essence that cannot be grasped. We believe that this is the theory of everything that physicists have been looking for. The model presents new understanding of basic terms such as space, time, infinity, Big Bang, mass, light etc. It has impact across many fields such as Physics, Astronomy, Theology, Philosophy, Mathematics, Brain and Recognition Research, Sociology and more.

Outputs:

At the base of the new theory of gravity there is a single vectoric equation that connects the singularity, dark matter and dark energy. In addition, the reflection model seems to yield most or even all known basic physical equations, but sometimes with minor modifications that can be tested in future experiments.

We already have several predictions of the model. In example we predict that the galaxies radial curves, which were used to conclude the presence of dark matter, would stop being flat at a certain distance from the center of the galaxy.

It is anticipated that the proposed work leads to the preparation of several academic papers that would be submitted to top leading journals such as Nature, Science etc. The results of this work would be presented in scientific meetings and popular talks all over the world.

The institution: "Hamatara Emet" may form movies on this subject to enhance its public exposure and global impact.

Outcomes:

According to Newton space and time are absolute. Einstein showed that they are relative and that they depend on the observer. We hope to demonstrate that space and time are not real; that they are only a show in front of the singularity, which is consciousness.

The project impact is way beyond Physics and Astrophysics . The results of this research would change the way science treats spiritualism, faith and religion. If and when the new Gravity model is confirmed, after centuries of separation, science and religion, the two rivals for

people's attention, would be finally reunited.

The proposed project supplies a strong bridge between scientists and theologians. It would probably reach and touch any person because it is about the essence of existence. It is a scientific project, yet its results have a significant meaning for every living human being.

Universe means uni-verse - the source is one, but it has many colours. We supply a physical model that confirms this perception.

Relation to Sir John Templeton's Donor Intent:

The proposed research combines two different disciplines – science and religion. It answers many Big Questions such as:

What is the nature of dark matter and dark energy?

What is the nature of the Big Bang?

What is consciousness?

Does God exist?

Are we all connected?

Sir John Templeton mentioned "new spiritual information" and asked researchers to become more open-minded about the possible character of ultimate reality and the divine. Indeed, the proposed research invokes spiritual information to gain a deep understanding of the meaning of the singularity and the physical world.

Sir John believed that investigations would lead humankind closer to truths that transcend the particulars of nation, ethnicity, creed, and circumstance. This nicely fits our novel meaning of the singularity, and the perception that we all are different reflections of a single source. We feel that this novel research is what John Templeton had in mind when establishing this fund.

Project Relationship to Previous Grants: No

Proposed Project Start Date: 07/01/2014

Proposed Project End Date: 06/30/2017

Personnel

Primary Contact Information

Prefix: Dr.

First Name/Given Name: Alon

Middle Names:

Last Name, Family Name, or Surname: Retter

Suffix:

Title: Vice President, Hamatara Emet : The Interdisciplinary Science and Consciousness

E-mail: alonretter@gmail.com

Phone Number: 972507225629

Project Leader

Project Leader Status: The Primary Contact is the Project Leader

Project Leader's CV/Resume Upload: vital4il_en_long.doc

Project Co-Leader

Project Co-Leader Status: There is no Project Co-Leader for this request

To the best of your knowledge, is the Project Leader or Project Co-Leader a JTF Trustee, Officer or staff member or related to a JTF Trustee, Officer or staff member as a spouse, sibling, child, or parent?: No

Additional Personnel:

Dr. Itzhak Orion, Head of the Nuclear Engineering Unit, Ben-Gurion University of the Negev.

Roi Lotan Glazer, Hamatara Emet: The Interdisciplinary Science and Consciousness Institute

Rabbi Eli Greenboim, Hamatara Emet: The Interdisciplinary Science and Consciousness Institute

Dr. Uri Or, PhD, Physics from The Hebrew University of Jerusalem.

Dr. Bracha Klein Tayir, education and organizational behavior with a touch of philosophy of science (University of SF + Berkeley).

Why is your project team the right one to carry out your proposed project?:

A. Retter has a PhD in Physics from Tel Aviv U. He was a postdoc and research associate in UK, Australia & USA. He has published 63 papers in refereed journals. After meeting his spiritual teacher, Kartar, in 2007 he has been implementing the non-duality perception in his research.

Dr. I. Orion is the Head of the Nuclear Engineering Unit, Ben-Gurion University of the Negev. R. Lotan Glazer developed a new geometry named "Reflection Spaces" that yields the fundamental equations of relativity and quantum mechanics from pure mathematics.

Rabbi E. Greenboim and A. Retter initiated the establishment of: "Hamatara Emet: The Interdisciplinary Science and Consciousness Institute." This research institute combines secular, religious and orthodox people. It gathers open minded researchers from numerous disciplines such as Physics, Mathematics, Chemistry, Biology, Philosophy, Psychology, Medicine and more. It is thus the ideal place to carry out such a novel interdisciplinary research.

History with the Foundation:

A previous application (Id: 54888) was declined.

Organization

Organization Name: Hamatara Emet

Also Known As: The Interdisciplinary Science and Consciousness Institute

Organization Country: Israel

Did this organization receive 50% or more of its annual funding in any one of the last three years from any combination of the John Templeton Foundation, Templeton World Charity Foundation or Templeton Religion Trust?: No

Budget

In what currency are you requesting support from the Foundation?: USD

Total Project Amount: 400000

Request Amount: 200000

Please list the sources and details of any additional funding that you plan to use to support the project, and include whether or not each source of funding has been secured:

A. Retter believes that this project is very significant for humanity. Therefore, if no other funding is available, for the purpose of this research, he intends to leave his nice job in the industry and return to the academy as a PhD student. He is in the process of choosing a supervisor at Weizmann Institute. The rest of the funding comes from this institution, which is a leading and highly prestige research institute.