A 501 (C) (3) Non-Profit Organization

https://www.mvjs.org

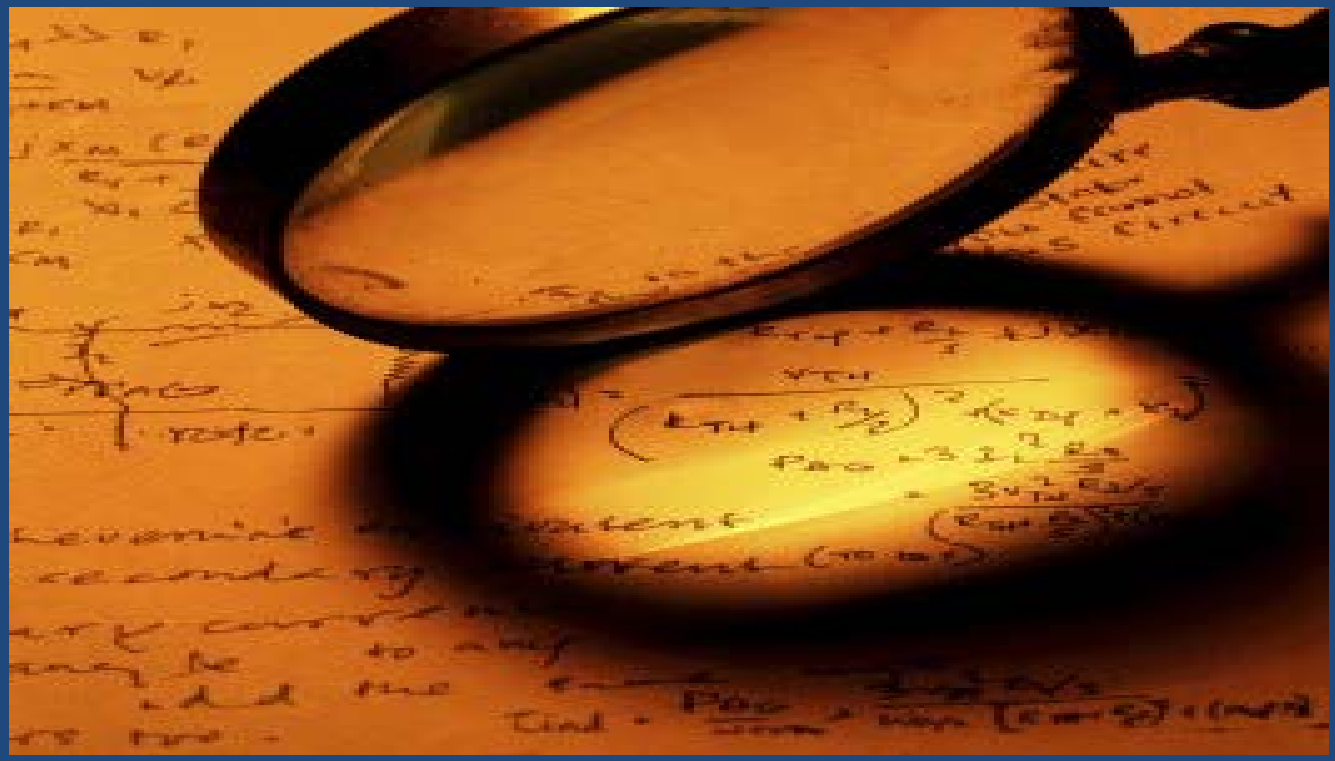
Corporate Background

Founded in 2006 to advance research & communications in the field of Theoretical Physics & Cosmology.

Multiversal Journeys is a 501(c) (3) non-profit organization. Our non-profit educational status is also approved by the state of California under section 23701d.

Our Mission

To advance research and raise public awareness & interest in Theoretical Physics and Cosmology



Sources of Funding

1. **Grants – Private Foundations**

FQXi (Foundational Questions in Physics & Cosmology Institute):
http://fqxi.org/grants/

2. **Grants – US Government**

NSF (National Science Foundations)
Dept. of Education

3. **Corporate Donations**

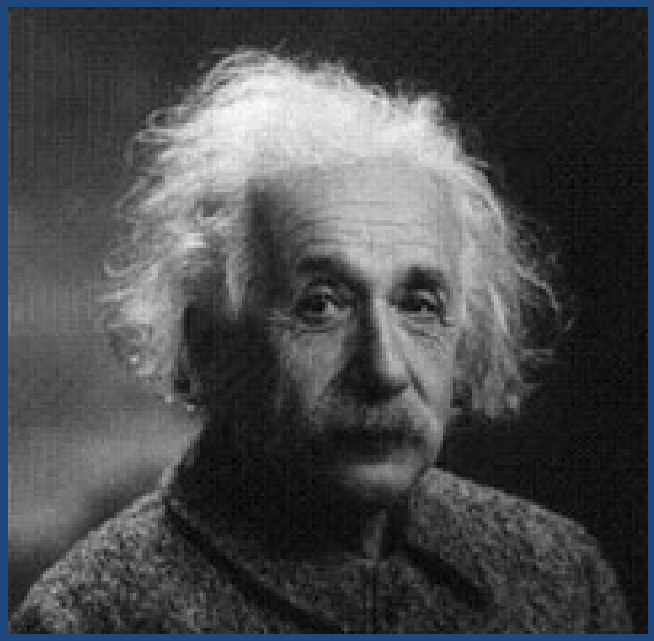
Donations to Multiversal Journeys are deductible to the maximum extent permitted by the laws

Charter

Research in leading edge concepts in Theoretical Physics & Cosmology.

Educating the public in the latest discoveries in Theoretical Physics and Cosmology in a non-technical language.

Lecture Series
Panel Discussions
Book Series
Production of Documentaries/Films



Advisory Boards

Scientific Advisory Board

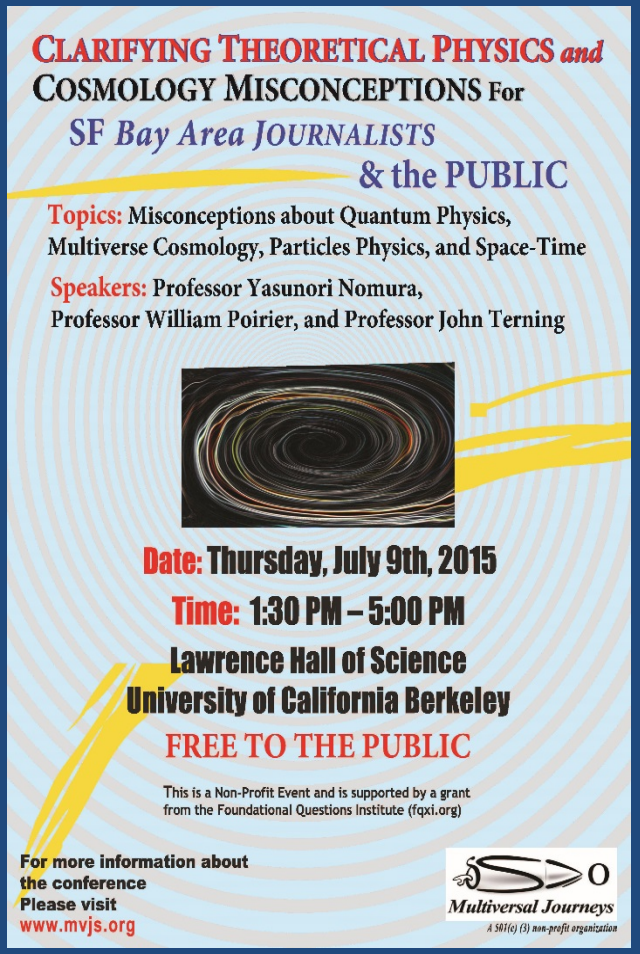
- Professor Fred Adams - University of Michigan, Ann Arbor
- Professor Yasunori Nomura - University of California, Berkeley; Director of Berkeley Center for Theoretical Physics
- Professor John Terning – UC Davis

Book Series Advisory Board

- Professor Thomas Buchert - University Claude Bernard in Lyon, France
- Professor Lawrence M. Krauss
- Professor Mark Trodden, University of Pennsylvania, Philadelphia, PA

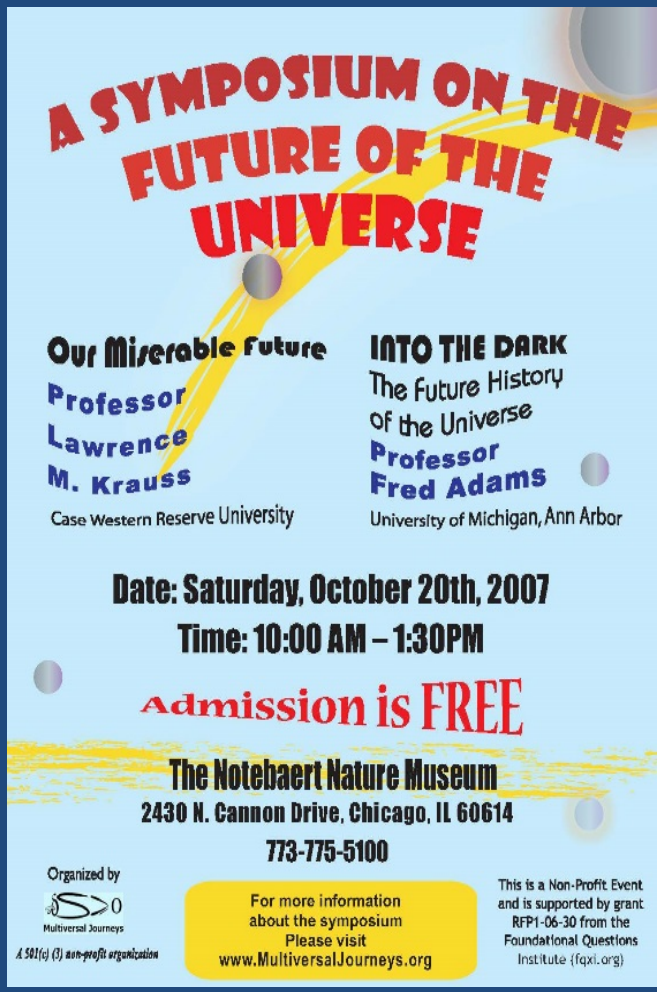
Conferences - UC Berkeley, CA

Clarifying Theoretical Physics & Cosmology Misconceptions
Lawrence Hall of Science



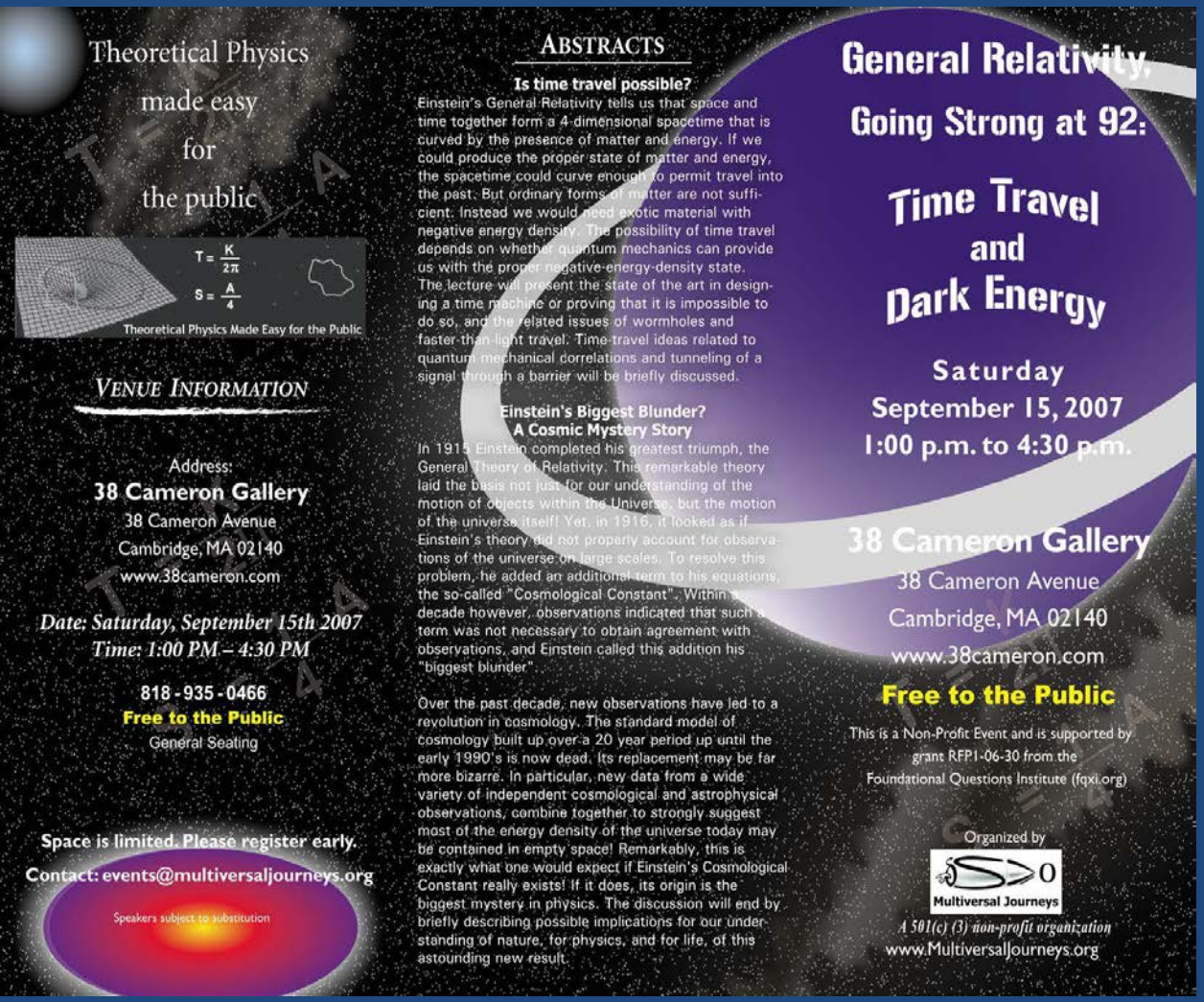
Conferences - Notebaert Nature Museum; Chicago, IL

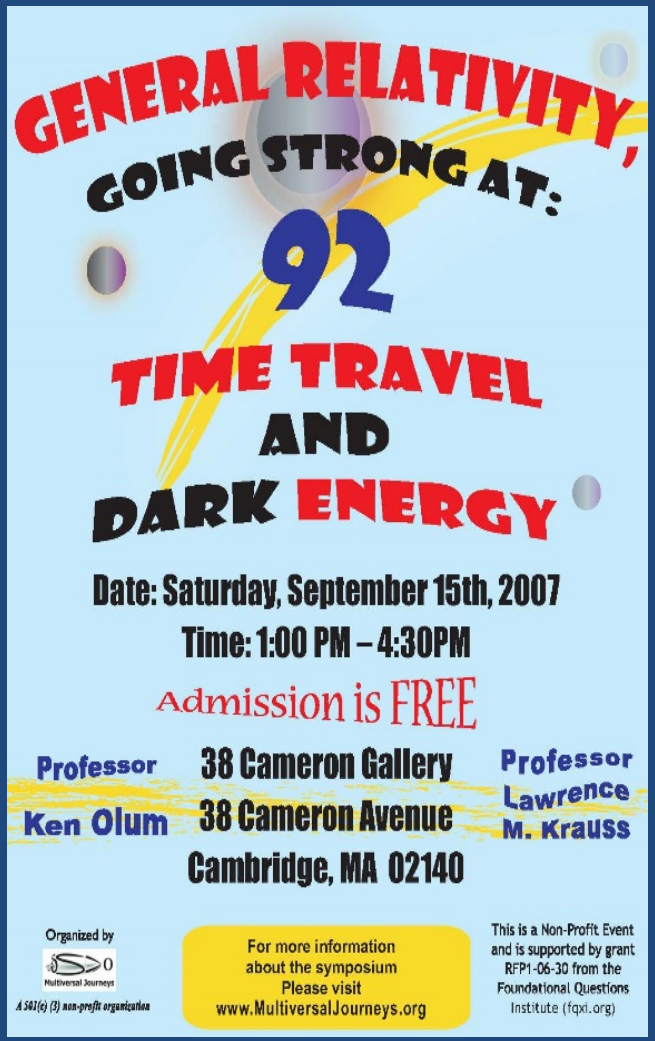
A Symposium on the Future of the Universe
The Chicago Academy of Sciences



Conferences - Cambridge, MA

General Relativity, Going Strong at 92: Time Travel and Dark Energy

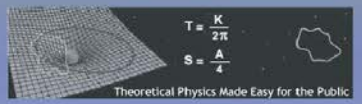




Conferences - UCLA, Los Angeles, CA

It's About Time: The Concept of Time, Cosmology and the Latest Theory about Time

Theoretical Physics made easy for the public



VENUE & TICKET INFORMATION

Address
Hillel at UCLA
574 Hilgard Avenue
Los Angeles, CA 90024

Date: Sunday, July 29th 2007
Time: 1:00 PM – 4:30 PM

Ticket information:
http://www.ticketweb.com

www.ticketweb.com
TICKETWEB
866-468-3399
Admission: $5
General Seating

For more information about the Symposium please visit:
http://www.MultiversalJourneys.org

Speakers subject to substitution

ABSTRACTS

The Beginning and End of Time: Life, The Universe, and Nothing

One can consider measuring time by the number of events that occur within some period. In this sense, more happened in the first second in the history of the universe than has occurred in the history of the universe since that moment. The first part of the lecture highlights some of the major milestones in that initial moment, and then moves on to discuss the future. Our current observations suggest we live in the worst of all universes for the long term future of life, and that our knowledge about the state of the universe will continue to decrease with time. In the far future we will be alone in a largely dark and empty universe.

Two-Time Physics: The Unified View From Higher Dimensional Space and Time

Evidence has been gathering that the ordinary formulation of physics, in a space-time with three space and one time dimensions, is insufficient to describe our world, just like shadows on walls alone are insufficient to capture the true essence of an object in a three dimensional room. Two-Time Physics reveals that our physical world in 3+1 dimensions is like a shadow of a highly symmetric universe in four space and two time dimensions. Amazingly, the best understood fundamental theory in Physics, the Standard Model of Particles and Forces is reproduced, and its "strong CP problem" is solved, as a field theory in 4+2 dimensions in the context of Two-Time Physics. This point of view provides new mathematical tools and new insights for understanding our universe. Evidence of the 4+2 dimensional world can be found both at the macroscopic and microscopic scales in the form of hidden symmetries and "dualities", and such predictions of Two-Time Physics can be tested through theory and experiment. Two-Time Physics may assist in the quest to unify the Standard Model with Einstein's theory of General Relativity in a single unified theory. The most popular approach to that problem today, superstring theory, and its extension M theory, invoke 10 dimensions of space, but a single dimension of time. The path to success with formulating M theory, which so far eluded theoretical physicists, could well be adopting the more symmetric and higher dimensional Two-Time Physics approach. This would require adding one time dimension plus one space dimension, giving nature 11 space and two time dimensions. The Two-Time Physics version of M theory would have a total of 13 dimensions.

It's About Time: The Concept of Time, Cosmology and the Latest Theory about Time.

Sunday, July 29 2007
Hillel Center, UCLA
574 Hillgard Avenue
Los Angeles, CA 90024

This is a Non-Profit Event and is supported by grant RFP1-06-30 from the Foundational Questions Institute (fqxi.org)

Organized by
Multiversal Journeys
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www.MultiversalJourneys.org

IT'S ABOUT TIME: THE CONCEPT OF TIME, COSMOLOGY, AND THE LATEST THEORY ABOUT TIME

Date: Sunday, July 29th, 2007
Time: 1:00 PM – 4:30PM
Hillel Center, UCLA
574 Hilgard Avenue
Los Angeles, CA 90024

www.ticketweb.com
TICKETWEB
866-468-3399

Professor Itzhak Bars
Professor Lawrence M. Krauss

Admission: $5
General Seating
For more information about the symposium
Please visit
www.MultiversalJourneys.org

This is a Non-Profit Event and is supported by grant RFP1-06-30 from the Foundational Questions Institute (fqxi.org)
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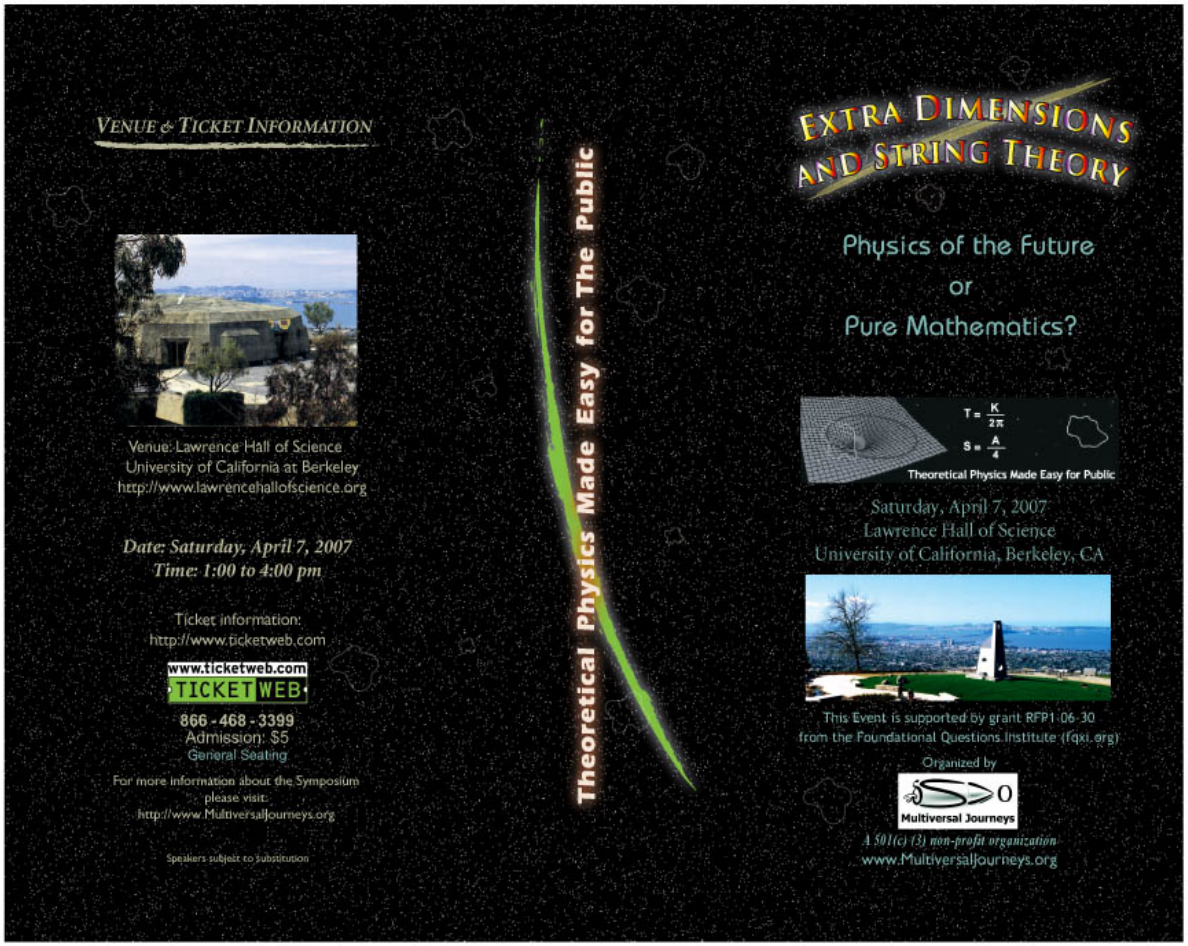
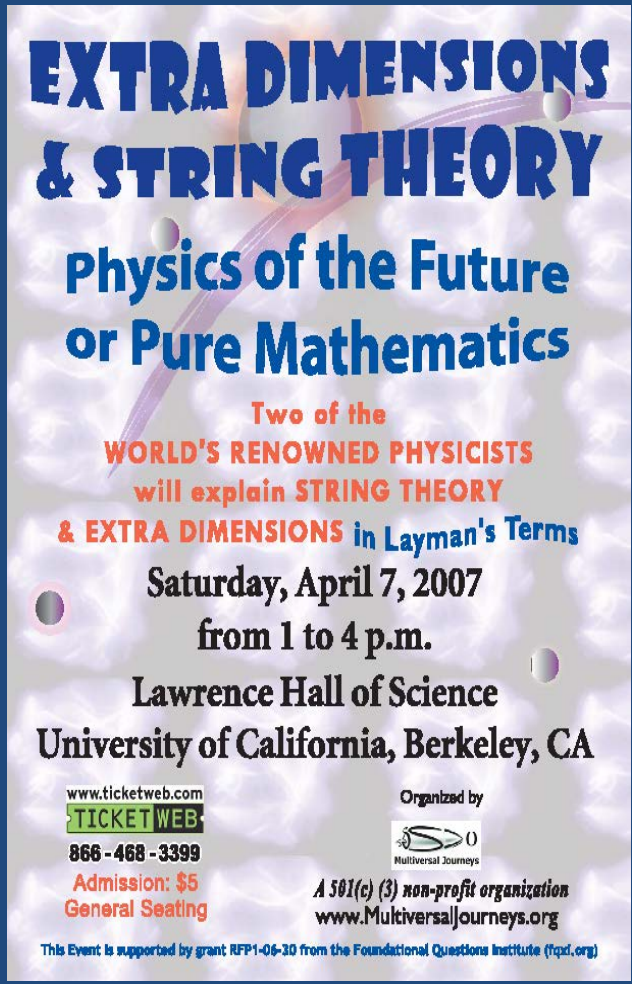
Conferences - UC Berkeley, CA

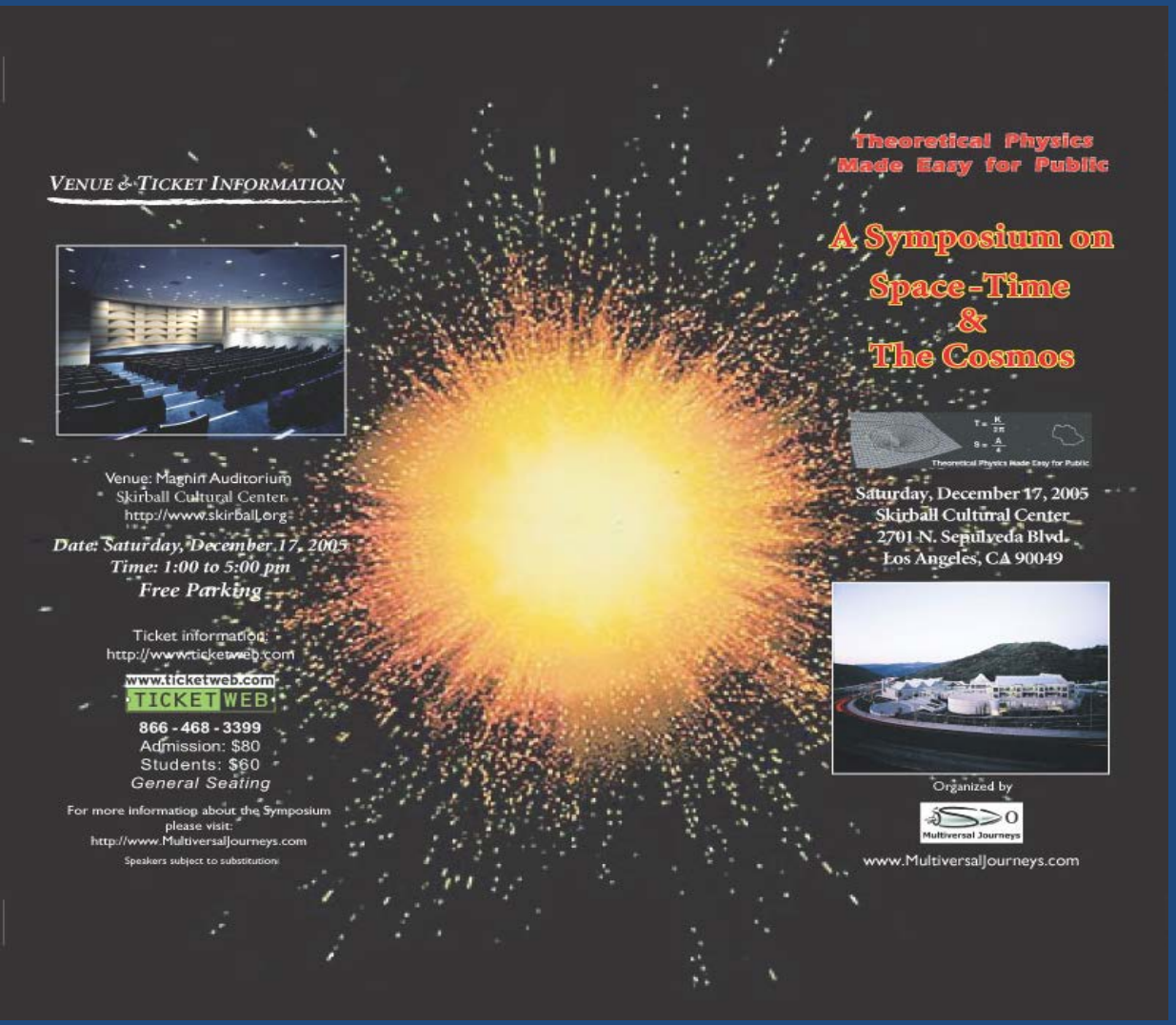
Extra Dimensions and String Theory: Physics of the Future or Pure Mathematics?





Conferences - Skirball Museum, LA, CA

Space-Time & the Cosmos



Conferences - UC Berkeley, CA

Latest Theories about the Universe & Its Governing Laws

Ever Wondered if Other Dimensions or Universes Really Do Exist?

Three of the world's famous scientists will explain their latest findings about the universe in layman's terms

"Latest Theories About The Universe"

Saturday, November 5th

Lawrence Hall of Science, UC Berkeley

For more information please visit

www.multiversaljourneys.com

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TICKETWEB

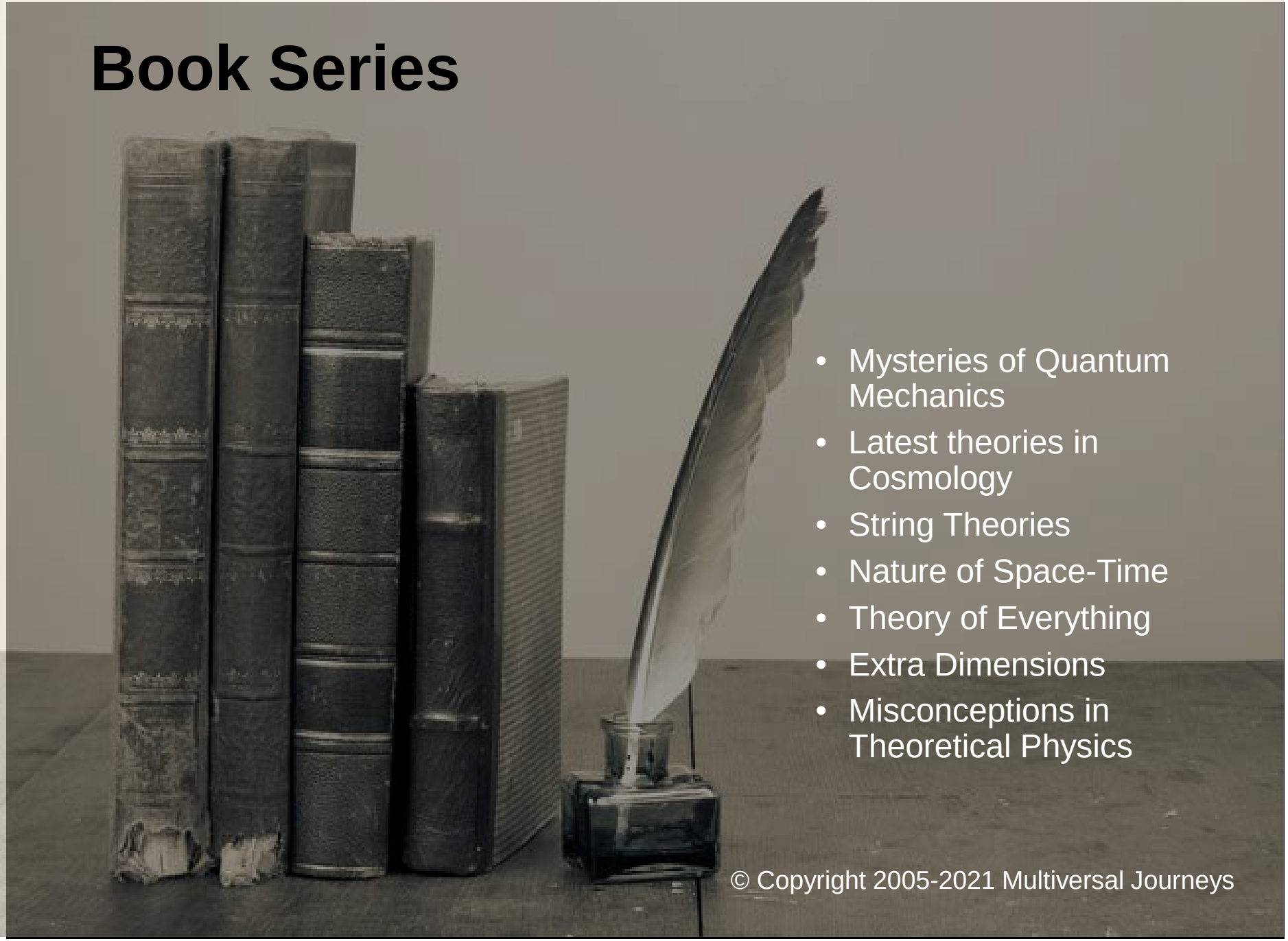
866.468.3399

Speakers

Our speakers are some of the world's renowned physicists:

- Professor Fred Adams - University of Michigan, Ann Arbor
- Professor Anthony Aguirre - University of California, Santa Cruz
- Professor Itzhak Bars - University of Southern California, Los Angeles
- Professor Raphael Bousso - University of California, Berkeley
- Professor Gary T. Horowitz - University of California, Santa Barbara
- Professor Sean Carroll – California Institute of Technology, Pasadena
- Professor Lawrence M. Krauss - Origins Initiative, ASU
- Professor Yasunori Nomura - University of California, Berkeley
- Professor Ken Olum - Tufts University, Medford, MA
- Professor L. William Poirier - Texas Tech University
- Professor John Terning - University of California, Davis
- Professor Ken Wharton – San Jose State University

Book Series



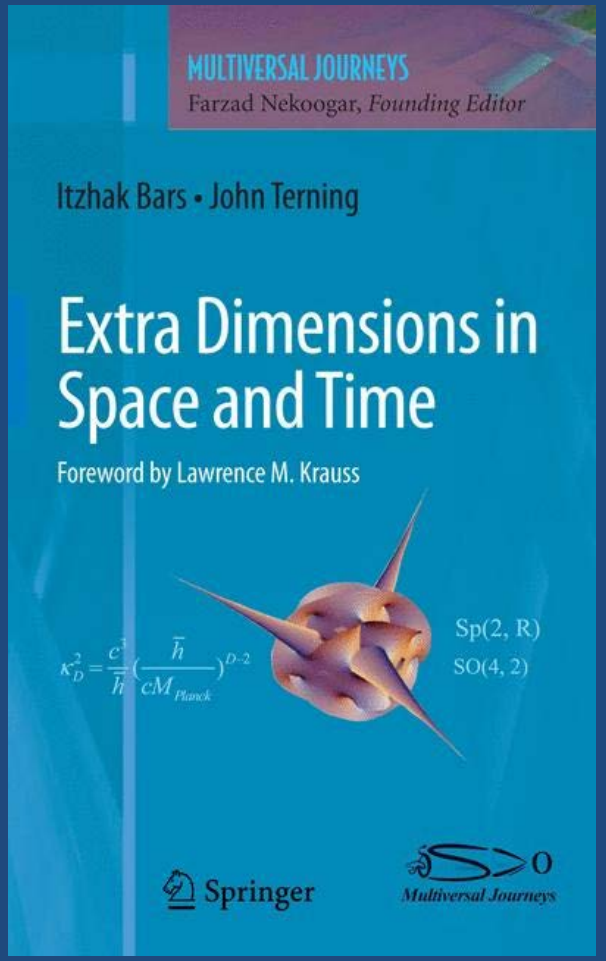
- Mysteries of Quantum Mechanics
- Latest theories in Cosmology
- String Theories
- Nature of Space-Time
- Theory of Everything
- Extra Dimensions
- Misconceptions in Theoretical Physics

Book Series

The inspiring books in this series are designed for scientifically literate non-specialists who want to know the latest discoveries in Theoretical Physics and Cosmology in a non-technical language.

Multiversal Journeys-book series are published with Springer (https://www.springer.com), a world wide leader in scientific publishing:

https://www.springer.com/series/7919

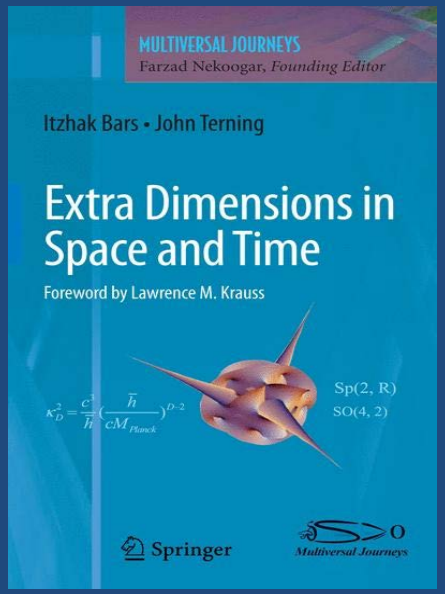


Books Published

Extra Dimensions in Space and Time

Bars, Itzhak; Terning, John;
Nekoogar, Farzad (Founding Ed.)

https://www.springer.com/gp/book/9780387776378



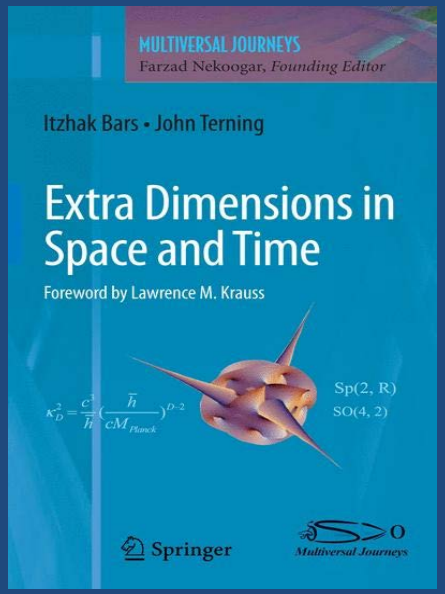
"Popular expositions of scientific topics have an important role in informing the general public of the nature/implications of current research. This is always a difficult task, especially for the highly abstract and very complicated topics addressed here. ... Summing Up: Recommended. Upper-division undergraduates and graduate students."
(M. COPLAN, CHOICE, VOL. 48 (2), OCTOBER, 2010)

Books Published

Extra Dimensions in Space and Time

Bars, Itzhak; Terning, John;
Nekoogar, Farzad (Founding Ed.)

https://www.springer.com/gp/book/9780387776378



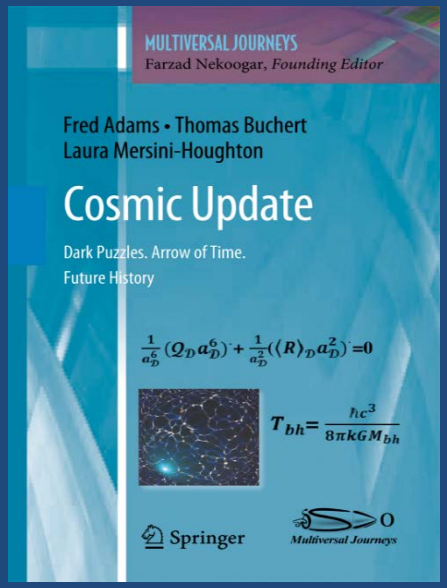
"The origin of this book lies in two public lectures given by the authors for a general public, under the auspices of multiversal journeys, a non-profit organization dedicated to disseminating knowledge on current theoretical physics to the general public. ... It certainly is to be welcomed that leading theoretical physicists make an effort to communicate their research to the general public. This book demonstrates how to succeed in such an endeavour."
(MICHAEL KUNZINGER, ZENTRALBLATT MATH, VOL. 1207, 2011

Books Published

Cosmic Update
Dark Puzzles. Arrow of Time. Future History

Adams, Fred; Buchert, Thomas; Mersini-Houghton, Laura; Nekoogar, Farzad (Founding Ed.)

http://www.springer.com/series/7919?detailsPage=titles



"This book is a collection of three self-contained main contributions and an appendix, each from different authors, on current fundamental questions and new developments in cosmology. It is so structured that general readers can also follow the main ideas. The two longest chapters (written by Fred C. Adams and Thomas Buchert, respectively) contain appendices (at the level of an undergraduate textbook) with formulas specifying the basic descriptions."
(WOLFGANG HASSE, MATHEMATICAL REVIEWS, JANUARY, 2013

Books Published

Cosmic Update
Dark Puzzles. Arrow of Time. Future History

Adams, Fred; Buchert, Thomas; Mersini-Houghton, Laura; Nekoogar, Farzad (Founding Ed.)

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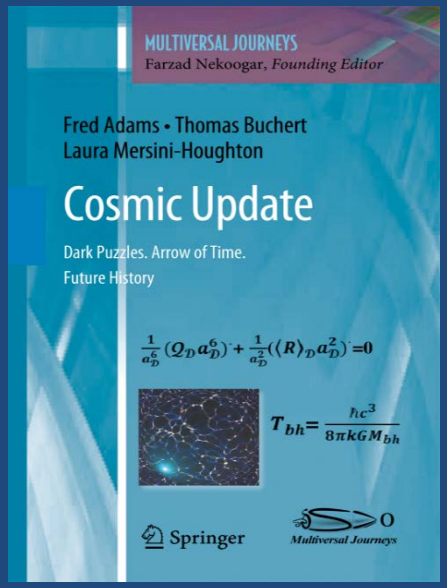


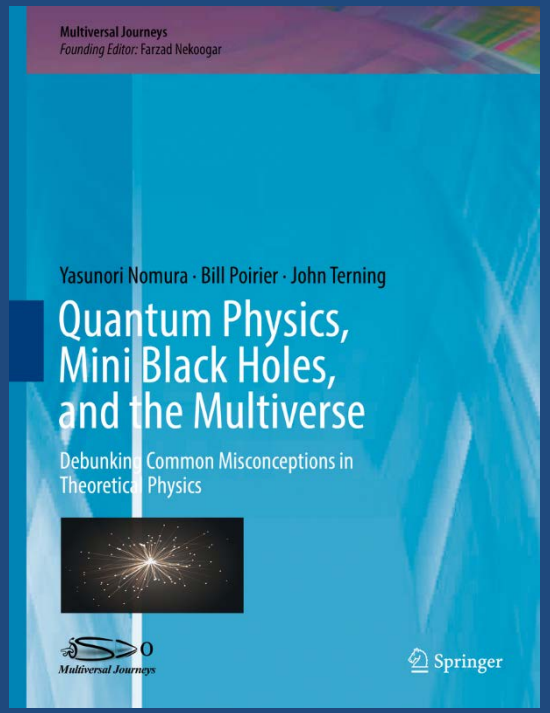
"The many ambitious aims of this book are: A noval approach to uncover the dark faces of the Standard Model of Cosmology. To present the global properties of World Models and their topology. To explain the arrow of time in a Universe with a positive cosmological constant Lambda and the consequences of Lambda for our Universe. ... Graduate students in physics with interest in astrophysics and cosmology can use the book .... The Glossary is helpful for the beginner."
(JOHANNES VIKTOR FEITZINGER, ZENTRALBLATT MATH, VOL. 1241, 2012)

Quantum Physics, Mini Black Holes, and the Multiverse

Debunking Common Misconceptions in Theoretical Physics

Authors: **Nomura**, Yasunori, **Poirier**, Bill, **Terning**, John
Editors: **Nekoogar**, Farzad (Ed.)

https://www.springer.com/gp/book/9783319417080



"Modern physics is rife with provocative and fascinating ideas, from quantum mechanics to the multiverse. But as interesting as these concepts are, they are also easy to understand. This book, written with deft hands by true experts in the field, helps to illuminate some of the most important and game-changing ideas in physics today."
-SEAN M. CARROLL

Quantum Physics, Mini Black Holes, and the Multiverse

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Authors: **Nomura**, Yasunori, **Poirier**, Bill, **Terning**, John
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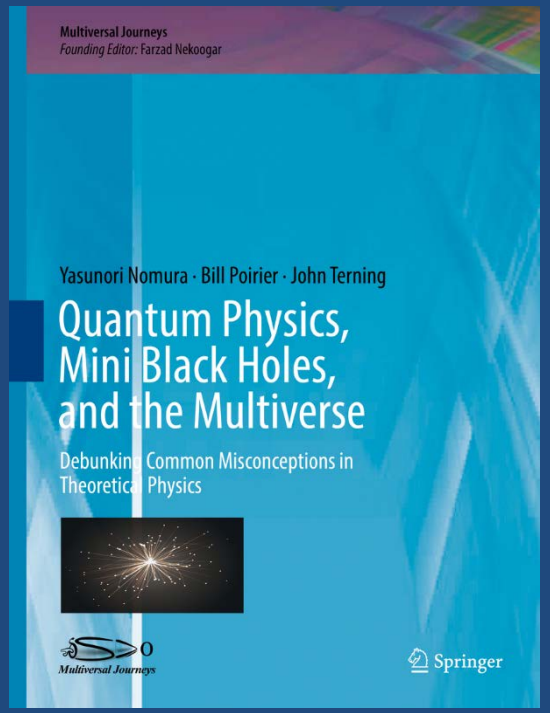


"This book stands above others in its genre of physics books for laypeople. The subtitle promises that commonly held fallacies about popular topics in physics will be clarified. … Topics covered include basic quantum mechanics, relativity theory, and particle physics. … Highly recommended. All levels/libraries."
(A. SPERO, CHOICE, VOL. 56 (02), OCTOBER, 2018)

Authors

- Professor Fred Adams - University of Michigan, Ann Arbor
- Professor Itzhak Bars - University of Southern California, Los Angeles
- Professor Thomas Buchert - The University Claude Bernard in Lyon, France
- Professor Laura Mersini-Houghton - UNC-Chapel Hill
- Professor Yasunori Nomura - University of California, Berkeley
- Professor L. William Poirier - Texas Tech University
- Professor John Terning - University of California, Davis

Production of Documentary Films

Collaborating with top media production companies to develop documentaries about Theoretical Physics & Cosmology topics.

Two short documentaries about Misconceptions in Theoretical Physics on YouTube:

Misconceptions about LHC Part-1

Misconceptions about LHC Part-2

Production of Documentary Films

Two documentaries about the Multiverse on YouTube:

The Multiverse Part 1: Introduction & Misconceptions

The Multiverse - Part 2

Production of Documentary Films

MVJS YouTube Channel:

https://www.youtube.com/user/MultiversalJourneys/videos

The Multiverse Part 1: Introduction & Misconceptions

The Multiverse - Part 2

Production of Documentary Films

Physics of observer series:

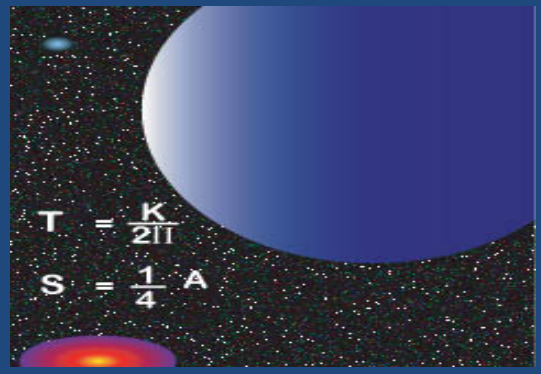
https://www.mvjs.org/physics-of-observer-video-series/

- Physics of the Observer – Cosmology
- Reliable observers in the multiverse
- Physics of the Observer – A discussion on Quantum Physics
- Observers - Classical vs Quantum
- What Exists and What Happens: The Role of the Observer
- Physics of the observer – Quantum Physics
- The Role of the Observer – The Multiverse

DVDs Produced

The Beginning and End of Time:
Life, the Universe, and Nothing
Prof. Lawrence M. Krauss

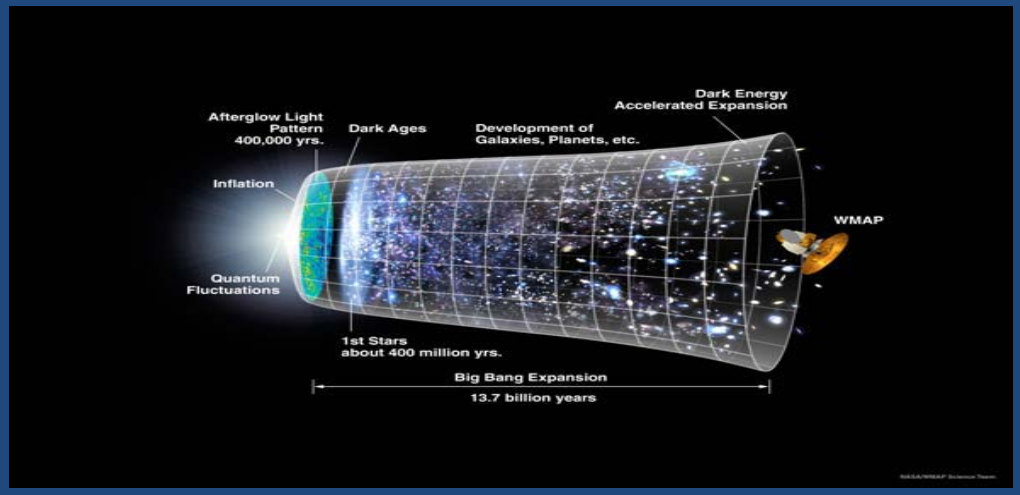
The Nature of Space and Time
Prof. Gary T. Horowitz



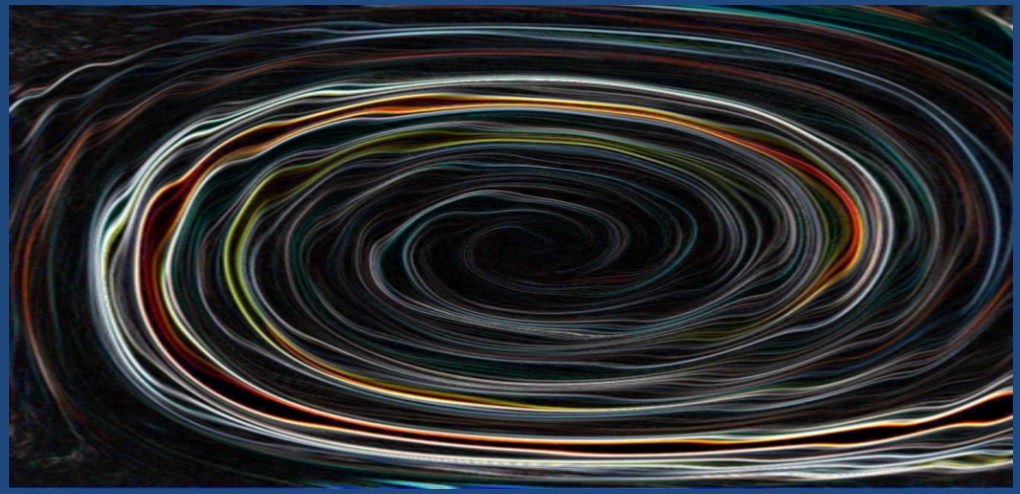
Two-Time Physics: The Unified View from
Higher Dimensional Space and Time
Prof. Itzhak Bars

DVDs Produced (cont'd)

The Future History of the Universe
Prof. Fred C. Adams



Is time travel possible?
Prof. Ken Olum



Contact Multiversal Journeys

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17328 Ventura Blvd, #155
Encino, CA 91316

Multiversal Journeys
773 E El Camino Real #167
Sunnyvale, CA 94087

By phone: 818-935-0466

By web: https://www.mvjs.org/

By eMail: info@mvjs.org

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If you are interested in our work and consider a donation to our cause, there are several ways to help us:

- Via our website (by credit card/debit card/PP):
http://www.mvjs.org/donate/

- Via PayPal Giving Fund (by credit card/debit card/PP):
https://www.paypal.com/fundraiser/charity/1494184

- Via mail (by check):
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17328 Ventura Blvd, #155
Encino, CA 91316

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