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ΕΠΩΝΥΜΟ: ΝΑΝΟ ΠΟΥΛΟΣ ΟΝΟΜΑ: ΔΗΜΗ ΤΡΙΟΣ ΠΑΤΡΩΝΥΜΟ: ΒΑΙΟΣ ΗΜΕΡ.ΓΕΝΝΗΣΗΣ: 131911948 ΙΔΙΟΤΗΤΑ: ΟΥΣΙΚΟΣ Α.Δ.Τ./Αρ. Διαβατηρίου: Φ080611 Ε-mail: Δίμιτζίω ρλγκίζς, ταμμιεδε

Θέμα: Υποψηφιότητα για τη δέση εξωτερικού μέλους του Συμβουλίου Διοίκησης του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών

Τόπος/Ημερομηνία: ΑΘΗΝΒ., 77/4/2023

Συνημμένα:

- α) Αντίγραφο Δελτίου Αστυνομικής
 Ταυτότητας ή Αντίγραφο Διαβατηρίου.
- 6) Πλήρες διογραφικό σημείωμα.
- γ) Οποιαδήποτε έγγραφα ή στοιχεία κρίνει ο/η υποψήφιος/α ότι δα υποστηρίξει την υποψηφιότητά του/ης (προαιρετικό).
- Επιστολή εκδήλωσης ενδιαφέροντος για τη δέση του εξωτερικού μέλους.

Π Ρ Ο Σ ΕΘΝΙΚΟ ΚΑΙ ΚΑΠΟΔΙΣΤΡΙΑΚΟ ΠΑΝΕΠΙΣΤΗΜΙΟ ΑΘΗΝΩΝ

Με την παρούσα αίτηση:

- α) υποβάλλω υποψηφιότητα για τη δέση εξωτερικού μέλους του Συμβουλίου Διοίκησης του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών σύμφωνα με την ισχύουσα νομοθεσία στο πλαίσιο της με αριθμ. πρωτ. 17890/28-2-2023. διεθνούς πρόσκλησης για την ανάδειξη των εξωτερικών μελών του Συμβουλίου Διοίκησης του Ιδρύματος,
- 6) αποδέχομαι τους όρους συμμετοχής στην παρούσα και δηλώνω ότι γνωρίζω τις υποχρεώσεις που απορρέουν από την ιδιότητα του εξωτερικού μέλους σε περίπτωση εκλογής μου, καδώς και τις αρμοδιότητες που ασκεί το Συμβούλιο Διοίκησης του Ε.Κ.Π.Α. σύμφωνα με το άρδρο 14 του ν. 4957/2022,
- γ) δηλώνω ότι συναινώ στη συλλογή και επεξεργασία των προσωπικών δεδομένων μου, όπως αυτά αναφέρονται στην παρούσα πρόταση και στα συνυποβαλλόμενα με αυτήν δικαιολόγηση της αίτησής μου στο πλαίσιο της διαδικασίας της παρούσας.

DHMHTPIOE WAND POY10E

(ονοματεπώνυμο και ψηφιακή υπογραφή)

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Ζούμε σε μια εποχή μεγάλων μεταβολών, προκλήσεων και απίστευτου ρυθμού παραγωγής νέας γνώσης. Δεν υπάρχει στην ιστορία της ανθρωπότητας, όσο και εάν ψάξουμε, μια ανάλογη εποχή. Ο άνθρωπος αλλάζει, η ανθρωπότητα αλλάζει... Πρέπει επομένως, όλοι εμείς, ο καθένας από το μετερίζι του, να βοηθήσουμε όσο μπορούμε στη δυναμική αυτή εξέλιξη στον παγκόσμιο χώρο αλλά και στο τοπικό περιβάλλον, από όπου και εάν προέρχεται. Θεωρώ λοιπόν, τουλάχιστον υποχρέωση μου, εφόσον μου δίνεται αυτή η δυνατότητα να συμμετάσχω στο Συμβούλιο Διοίκησης του Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών, που είναι το alma mater μου, μέσα από τη διαδικασία που ορίζει ο σχετικός νόμος.

Θέλω να τονίσω εδώ, ότι ως διατελέσας Πρόεδρος του ΕΣΕΤ (τώρα ΕΣΕΤΕΚ) από το 2005-2010, συμμετείχα ενεργά στην επεξεργασία του τότε νόμου για την παιδεία και τα Πανεπιστήμια, που στη συνέχεια με λίγες αλλαγές έγινε ο νόμος Διαμαντοπούλου και εξελίχθηκε φτάνοντας σήμερα στην τελική μορφή που έχουμε. Είχαμε τότε εργαστεί πάνω στον άξονα της διαφάνειας και της αξιολόγησης και τα δύο ουσιώδη για την σωστή λειτουργία και ανάπτυξη των ελληνικών μας πανεπιστημίων.

Νομίζω, η επιστημονική μου διαδρομή στην Ευρώπη (CERN; Switzerland, École Normale Supérieure; France) και Αμερική (Harvard University; Massachusetts, University of Wisconsin; Madison , Texas Α&Μ; Texas) και τα διοικητικά καθήκοντα που έχω ασκήσει επί σειρά ετών δικαιολογούν την πρόθεση μου να βοηθήσω ενεργά, εννοώντας θεσμικά, την χώρα μου.

Πολλά χρόνια τώρα συμμετέχω στα ακαδημαϊκά δρώμενα της Ελλάδος από τη θέση του παρατηρητή (με την εξαίρεση της θέσης μου στο ΕΣΕΤ) και γνωρίζω καλά την κατάσταση στην οποία βρισκόμαστε. Νομίζω, ότι λίγοι έχουν την εμπειρία μου έξω και μέσα στην Ελλάδα, όντας και το τρίτο αρχαιότερο τακτικό Μέλος της Ακαδημίας Αθηνών από το 1997, που συνάμα έχουν και τον ενθουσιασμό, όρεξη, όραμα που χρειάζεται για να γίνουν οι «μεγάλες τομές» που χρειάζεται για να πάει μπροστά το ΕΚΠΑ.

Το ΕΚΠΑ που είναι η ναυαρχίδα του Πανεπιστημιακού μας συστήματος στην Ελλάδα πρέπει να δώσει το λαμπρό παράδειγμα αγαστής συνεργασίας εσωτερικών και εξωτερικών μελών ώστε να πάει μπροστά ο τόπος μας.

Μπαίνω λοιπόν σε αυτή τη διεργασία απαλλαγμένος από κάθε προσωπική φιλοδοξία, είτε φήμης, είτε επιστημοσύνης, είτε.... Καθαρά για να βοηθήσω τον τόπο μου, ανιδιοτελώς.

Με εκτίμηση,

Δημήτρης Νανόπουλος

Διακεκριμένος, Ομότιμος καθηγητής, Texas A&M University, Τακτικό Μέλος της Ακαδημίας Αθηνών, Fellow of the American Physical Society.

CURRICULUM VITÆ

DIMITRI NANOPOULOS

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Astronomy, Texas A&M University, College Station, TX 77843, USA

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and

Astroparticle Physics Group

Houston Advanced Research Center (HARC)

4800 Research Forest Drive The Woodlands, TX 77381 Phone #: (281)-364-6054 Fax #: (281)-364-6001

Education:

1967-71: University of Athens, B.Sc.

1971-73: University of Sussex, England, Ph.D. 1973

1966-73: Held a foundation scholarship (Athens, Greece). In thesis, dealt

with tests that can help to distinguish between different gauge models (a complete and extended version of my publication work,

see list of publications numbers 1,2, and 4.)

Experience:

1973-75: Fellow, CERN Theory Division, Geneva, Switzerland

1975-76: Joliot - Curie Fellow, Laboratoire de Physique Theorique de l'Ecole

Normale Superieure, Paris, France

1976-77: Research Fellow, Department of Physics, University of Wisconsin 1977-79: Research Fellow, Lyman Laboratory of Physics, Harvard University

1979-86: Staff Member, CERN Theory Division, Geneva, Switzerland

March-April 1984: Visiting Professor, Institute for Fundamental Physics, Kyoto

University, Japan

July 1986:

Promoted to Senior Physicist, CERN

1986-88: Professor, Department of Physics, University of Wisconsin

1987-89: Professor of Theoretical High Energy Physics, National Technical

University, Athens, Greece

1986- : Scientific Associate, Theory Division, CERN

1989- : Professor, Department of Physics, Texas A&M University

1989- : Head of the Astroparticle Physics Group, Houston Advanced

Research Center (HARC)

1989- : Houston Advanced Research Center (HARC) Distinguished Fellow
 1990- : Advisor to the HARC President: European Science and Technology
 1992- : Distinguished Professor, Department of Physics, Texas A&M

University

1992- : Project Director of the E-15 Supergravity, World Laboratory

Project

1996- : Director, World Laboratory Research Center for Astroparticle

Physics at HARC

1997- : Chair of Theoretical Physics, Academy of Athens, Greece

2002- : Mitchell/Heep Chair in High Energy Physics, Texas A&M University

2005-6: National Representative of Greece at the European Space Agency,

ESA.

2005-9: President of the National Council for Research and Technology,

Greece

2005-10 &

2013-2015: National Representative of Greece at the European Laboratory for

Particle Physics, CERN

Memberships:

1988: Fellow of the American Physical Society

1992: Member of the Italian Physical Society

1997: Academician; (lifetime) Regular Member of the Academy of

Athens, Greece

Distinctions:

1996: Golden Cross, Commander of the Order of Honour of the

Greek State.

2003: American Hellenic Educational Progressive Association

(AHEPA) Award.

2001,2004: Fourth (4th) most cited High Energy Physicist of all times

according to the Stanford University Census.

6/10/08: Honorary Ph.D, "Demokritus University of Thrace", Xanthi,

Greece.

6/25-27/08: Honorary Inviteé, Institute de France/Academie Francaise,

"Mediterranean Scientific Conference" at La Coupole, Paris,

France.

6/30-7/9/08: Honorary Inviteé, Nobel Foundation, Lindau Meeting of Nobel

Laureates in Physics, 2008, Lindau, Germany.

3/18/09: Honorary Inviteé at the Science and Technology for Society

(STS) Forum, Kyoto, Japan.

3/19/09: Honorary Citizen and Golden Metal of the City of Patras,

Greece.Prize for Excellence in Research, University of Patras,

Patra, Greece.

6/29-7/4/09: Honorary Invitee, Nobel Foundation, Lindau Meeting of Nobel

Laureates in Chemistry, Lindau, Germany.

12/06/09: Honorary Citizen of the city of Delphoi, Greece.

6/27-7/3/10: Distinguished guest of Honor, Nobel Foundation, Lindau

Meeting of Nobel Laureates in Physics, Chemistry and

Biology, Lindau Meeting.

6/25-7/2/11: Distinguished guest of Honor, Nobel Foundation, Lindau Meeting

of Nobel Laureates in Biology, Lindau Meeting.

10/28-11/2/11: Honorary Inviteé, Pontifical Academy of Sciences, Vatican City.

9/2011:

Very honorable mention by Peter Higgs in his recent article My Life as a Boson, APPN (Asia Pacific Physics Newsletter), September 2011, Volume I, Number 2, pp.50-51, about my early contribution in finding ways to discover the Higgs particle: "By 1976, when LEP was being planned, this had been introduced to experimentalists in "a phenomenological

profile of the Higgs boson" by John Ellis, Mary K. Gaillard and Dimitri Nanopoulos. Apologizing for the vagueness of this profile, they concluded "we do not wish to encourage big experimental searches for the Higgs boson, but we do feel that people performing experiments vulnerable to the Higgs boson should know how it may turn up".

7/1-7/7/12: Distinguished guest of Honor, Nobel Foundation, Lindau Meeting

of Nobel Laureates in Physics, Lindau Meeting.

6/30-7/6/13: Distinguished guest of Honor, Nobel Foundation, Lindau Meeting

of Nobel Laureates in Physics, Lindau Meeting.

12/8/13: Very honorable mention by Peter Higgs at his Nobel Prize

lecture in Stockholm, concluding his talk by saying: ..."And in 1976 Ellis, Gaillard and Nanopoulos at CERN encouraged experimentalists to look for the massive spinless boson that

the theory predicted."

6/30-7/6/2014: Distinguished Guest of Honor, Nobel Foundation, Lindau

Meeting of Nobel Laureates, Lindau, Germany,

12/5/2014: Lloyd;s List Greek Shipping Awards, VIP invitation and talk,

Athens Interncontinental Hotel, Athens, Greece,

2015: Elected President of the Academy of Athens.

6/28-7/3/2015 Distinguished Guest of Honor, Nobel Foundation, Lindau

Meeting of Nobel Laureates, Lindau, Germany

5/16/2015 Honorary Citizen of Alexandroupolis, Greece,
12/18/2015 Honorary Professor, University of Ioannina, Greece
6/26-7/2/2016 Distinguished Guest of Honor, Nobel Foundation, Lindau

Meeting of Nobel Laureates, Lindau, Germany

6/25-30/2017 Distinguished Guest of Honor, Nobel Foundation, Lindau

Meeting of Nobel Laureates, Lindau, Germany

6/24-29/2018 Distinguished Guest of Honor, Nobel Foundation, Lindau

Meeting of Nobel Laureates, Lindau, Germany

2019-today Distinguished Emeritus Professor, Department of Physics,

Texas A&M University

Prizes: 1999: First Prize, Gravity Research Foundation (GRF)

2005: First Prize, Gravity Research Foundation (GRF)

2006: International Onassis Prize

2009: "Enrico Fermi" Prize of the Italian Physical Society, for the relevance of my theoretical results in the study of global and local symmetries in field and string theories and for the discovery of fundamental phenomenological properties of Grand Unification and Superstring

Theories

2019: International Foundation for Greece (IFG) Award and Hellenic post stamp dedicated to him for his work in science that promotes Greece.

Scientific Publications: over 746 original publications in peer-reviewed journals, including 15 books

Citations: over 54,107

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- Antoniadis, D.V. Nanopoulos, J. Rizos, Particle physics and cosmology of the string derived noscale flipped SU(5), Eur.Phys.J.C 82 (2022) 4, 377, Dec 2, 2021
- 3. John Ellis, Jason L. Evans, Natsumi Nagata, Dimitri V. Nanopoulos, Keith A. Olive, Flipped SU(5) GUT phenomenology: proton decay and g_m-2, Eur.Phys.J.C 81 (2021) 12, 1109, Oct 13, 2021
- Joseph L. Lamborn, Tianjun Li, James A. Maxin, Dimitri V. Nanopoulos, Resolving the (g 2)μ discrepancy with F–SU(5) intersecting D-branes, JHEP 11 (2021) 081, Aug 18, 2021
- 5. Tianjun Li, James A. Maxin, Dimitri V. Nanopoulos, Spinning no-scale F-SU(5) in the right direction, Eur.Phys.J.C 81 (2021) 12, 1059, Jul 27, 2021
- John Ellis, Jason L. Evans, Natsumi Nagata, Dimitri V. Nanopoulos, Keith A. Olive, Flipped g_m-2, Eur.Phys.J.C 81 (2021) 12, 1079, Jul 7, 2021
- 7. John Ellis, Marcos A.G. Garcia, Dimitri V. Nanopoulos, Keith A. Olive, Building models of inflation in no-scale supergravity, Int.J.Mod.Phys.D 29 (2020) 16, 2030011, Sep 3, 2020
- Antoniadis, D.V. Nanopoulos, J. Rizos, Cosmology of the string derived flipped SU(5), JCAP 03(2021)017, Nov 18, 2020
- John Ellis, Dimitri V. Nanopoulos, Keith A. Olive, Sarunas Verner, Non-Oscillatory No-Scale Inflation, JCAP 03 (2021) 052, Aug 20, 2020
- Dimitri V. Nanopoulos, Vassilis C. Spanos, Ioanna D. Stamou, Primordial Black Holes from No-Scale Supergravity, Phys.Rev.D 102 (2020) 8, 083536, 15 October 2020 issue of Physical Review D (Vol. 102, No. 8), Aug 4, 2020
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- 12. John Ellis, Dimitri V. Nanopoulos, Keith A. Olive, Sarunas Verner, Phenomenology and Cosmology of No-Scale Attractor Models of Inflation, JCAP 08 (2020) 037, Apr 1, 2020
- 13. John Ellis, Marcos A.G. Garcia, Rice U., Natsumi Nagata, Dimitri V. Nanopoulos, Keith A. Olive, Proton Decay: Flipped vs Unflipped SU(5), JHEP 05 (2020) 021, Mar 6, 2020
- John Ellis, Marcos A.G. Garcia, Rice U., Natsumi Nagata, Dimitri V. Nanopoulos, Keith A. Olive, Superstring-Inspired Particle Cosmology: Inflation, Neutrino Masses, Leptogenesis, Dark Matter & the SUSY Scale, JCAP 01 (2020) 035, Oct 25, 2019
- 15. Thomas Ford, Tianjun Li, James A. Maxin, Dimitri V. Nanopoulos, The heavy gluino in natural no-scale F SU(5), Phys.Lett.B 799 (2019) 135038, Aug 16, 2019

- John Ellis, Balakrishnan Nagaraj, Dimitri V. Nanopoulos, Keith A. Olive, Sarunas Verner, From Minkowski to de Sitter in Multifield No-Scale Models, JHEP 10 (2019) 161, Jul 22, 2019
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- John Ellis, Marcos A.G. Garcia, Rice U., Natsumi Nagata, Dimitri V. Nanopoulos, Keith A. Olive,
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- 39. Dimitri V. Nanopoulos, John Ellis, Nick E. Mavromatos, Information Retention by Stringy Black Holes, PoS PLANCK2015 (2016) 089, hep-th/1511.01825.
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- 45. Dimitri V. Nanopoulos, John Ellis, Mary K. Gaillard, An Updated Historical Profile of the Higgs Boson, hep-ph/1504.07217.
- Dimitri V. Nanopoulos, John Ellis, Marcos A. G. Garcia, Keith A. Olive, Phenomenological Aspects of No-Scale Inflation Models, JCAP 1510 (2015) no.10, 003, hep-ph/1503.08867.
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- Dimitri V. Nanopoulos, John Ellis, Marcos A. G. Garcia, Keith A. Olive, Two-Field Analysis of No-Scale Supergravity Inflation, JCAP 1501 (2015) 01, 010, hep-ph/1409.8197.
- 52. Dimitri V. Nanopoulos, Tianjun Li, Zhijin Li, Helical Phase Inflation, Phys.Rev. D91 (2015) 6, 061303, hep-th/1409.3267.
- 53. Dimitri V. Nanopoulos, Tristan Leggett, Tianjun Li, James A. Maxin, Joel W. Walker, Confronting Electroweak Fine-tuning with No-Scale Supergravity, Phys.Lett. B740 (2015) 66, hep-ph/1408.4459.
- 54. Dimitri V. Nanopoulos, Tianjun Li, Zhijin Li, Aligned Natural Inflation and Moduli Stabilization from Anomalous U(1) Gauge Symmetries, JHEP 1411 (2014) 012, hep-th/1407.1819.
- 55. Dimitri V. Nanopoulos, Tianjun Li, Shabbar Raza, Xiao-Chuan Wang, A Realistic Intersecting D6-Brane Model after the First LHC Run, JHEP 1408 (2014) 128, hep-ph/1406.5574.
- 56. Dimitri V. Nanopoulos, John Ellis, Nick E. Mavromatos, D-Flation, JCAP 1411 (2014) 11, 014, hep-th/1406.0487.
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MONOGRAPHS OR JOINT-AUTHORED BOOKS

- 1. Supersymmetry Confronting Experiment, with A. Savoy-Navarro, Physics Reports **105**, Nos. 1 and 2 (1984).
- 2. Grand Unification With and Without Supersymmetry and Cosmological Implications, with C. Kounnas, A. Masiero and K. A. Olive, published by World Scientific Publ. Comp., Singapore (1984).
- 3. The Road to No-scale Supergravity, with A. B. Lahanas, Physics Reports 145, 1 (1987).
- A Unified View of the Macro and the Micro-Cosmos, Proceedings of the First International School on Astroparticle Physics, Erice (Sicily, Italy) January 1987, ed. with A. DeRujula and P. A. Shaver (World Scientific 1987).
- 5. Strings 89, Proceedings of the 3rd Annual Superstring Workshop held at Texas A&M University, College Station, March 1989, ed. with R. Arnowitt, R. Bryan, M. Duff and C. Pope (World Scientific, 1990).
- 6. Particle Physics and Cosmology, with K. Enqvist, under contract with Cambridge University Press.
- 7. Strings 90, Proceedings of the 4th Annual Superstring Workshop held at Texas A&M University, College Station, March 1990, ed. with R. Arnowitt, R. Bryan, M. Duff, C. Pope, and E. Sezgin (World Scientific, 1990).
- 8. Proceedings of the International School of Astroparticle Physics, HARC, 6-12 January 1991, editor (World Scientific 1992).
- 9. D. V. Nanopoulos, J. Ellis, and A. Savoy-Navarro, "Ten Years of SUSY Confronting Experiment," CERN preprint, CERN-TH-6707/92.

- 10. "Black Holes, Membranes, Wormholes, and Superstrings," Proceedings of the International Symposium, HARC, 16-18 January 1992, edited with S. Kalara (World Scientific, 1993).
- 11. "Recent Advances in the Superworld," Proceedings of International Workshop, HARC, 14-16 April 1993, edited with J. Lopez (World Scientific, 1994).
- "Biophysics of Microtubules", Proceedings of International Workshop, Institute of Biosciences and Technology (IBT), in the Texas Medical Center, Houston, Texas, April 12-14, 1996, edited by D.V. Nanopoulos, W.R. Brinkley and Wah Chiu, published in the Journal of Structural Biology, Vol. 118, p. 83, (1997) (Academic Press).
- "The New Cosmology", Proceedings of the Conference on Strings and Cosmology
 (March 14-17, 2004) and the Mitchell Symposium on Observational Cosmology (April 12-16, 2004), edited by R. E. Allen, D. V. Nanopoulos, and C. N. Pope, AIP Confer. Proceed.
 743, 450 (2004)
- 14. "From Cosmogony to Glossogony", Dimitri Nanopoulos and George Babiniotis, editor Kastaniotis, Athens 2010
- 15. "On the third rock from the Sun", A scientific journey, Patakis publications, editor Patakis,
 December 2015, ISBN: 9789601664590

GRADUATE STUDENTS

Since I came to USA (September 1986), I have supervised the following graduate students:

1. Rajesh Gandhi, Ph.D. (1987)

Thesis title: Classical and Non-Perturbative Aspects of the Gauge Sector in Superstring Theory

2. Herbert-Karl Dreiner, Ph.D. (1989)

Thesis title: Model Building in the Free Fermionic Formulation of

Superstrings

3. Subhendra Mohanty, Ph.D. (1989)

Thesis title: On the Possibility of Detecting Wormholes in Quantum

Coherence Experiments with a r.f. SQUID

4. Jorge Lopez, Ph.D. (1989)

Thesis title: Phenomenological Constraints on Four-Dimensional Superstrings

5. Alon Faraggi, Ph.D. (1991)

Thesis title: Standard-Like Models in the Free Fermionic String Formulation and

Phenomenological Implications

6. Kajia Yuan, Ph.D. (1991)

Thesis title: Construction of Standard-Like String Models and Supersymmetric Neutralino Dark

Matter

7. Jin Wang, Ph. D. (1991)

Thesis title: Some Problems of Quantum Cosmology and Dark Matter Physics.

8. Christoph Burgard, M.Sc. (1991)

Thesis title: "Neutrino Oscillation Solutions to the Solar Neutrino Problem: Concepts and Validity of Various Approximations"

9. Xu Wang, Ph.D. (1996)

Thesis title: "Phenomenological Implications of No-Scale Supergravity"

10. Andreas Mershin, M.Sc. (2000)

Thesis title: "Quantum Brain"

11. Andreas Mershin, Ph.D. (2003)

Thesis title: "Tubulin in vitro, vivo and in silico"

12. Joel W. Walker, Ph.D. (2005)

Thesis title: "Aspects of Grand Unified Theories and String Phenomenology"

13. Gang Zhao, Ph.D. (2006)

Thesis title: "Dark World and Standard Model for Graduate Students"

14. Ching-Ming Chen, Ph.D. (2006)

Thesis title: "Gut and Standard-Like Models in Intersecting D-Brane Worlds"

15. Feng Zhang, M.Sc. (2007)

Thesis title: "Intersecting D-Branes"

16. V. Eric Mayes, Ph.D. (2007)

Thesis title: "Phenomenology of Heterotic and Type II String Compactifications"

17. James Maxin, Ph.D. (2010)

Thesis title: "String Phenomenology in the Era of LHC"

18. Shan Hu, Ph.D. (2013)

Thesis title: "6D (2, 0) Theory and M5 Branes, A KK mode approach"

19. Tristan Leggett, Ph.D. (2014)

Thesis title: "Naturalness in F-SU(5)"

20. Hu, Dingli (2017)

Thesis title: The F-SU(5) Model With Various Supersymmetry Breaking Soft Terms

21. Nagaraj, Balakrishnan (2022)

Thesis title: De Sitter Vacua and Inflation In No-Scale Supergravity

22. Xu, Zhaojie (2022)

Thesis title: Perturbative/Non-Perturbative Aspects of Topological String Theory and Condensed

Matter Physics

POSTDOCTORAL ASSOCIATES

- 1. K. Benakli
- 2. J. Lopez
- 3. K. Enqvist
- 4. S. Rao
- 5. T. Li
- 6. S. Kalara
- 7. D. Reiss
- 8. L. Roszkowski
- 9. H. Pois
- 10. C.-M. Chen
- 11. G. Park
- 12. R. Gandhi
- 13. S. Kelley
- 14. K. Yuan

- 15. V. E. Mayes
- 16. Jay Kim
- 17. G. Cleaver
- 18. G. Giannakis
- 19. G. Kraniotis
- 20. J. Maxin

CONFERENCES

In addition, I have been invited to the following conferences:

- 1. Winter Aspen Conference: invited talk: Superstring Phenomenology, 1/86.
- 2. II CERN-ESO Conference on Particle Physics and the Early Universe: Chairman, March 1986.
- Snowmass Workshop II (SSC project): Chairman/Organizer for the "New Particles Section," June
 1986.
- 4. International Conference on $p \overline{p}$ Colliders: Aachen, Germany, Invited talk, July 1986.
- 5. International Astrophysics Colloquium: Liege, Belgium, Invited talk, July 1986.
- International Conference on General Relativity GR-11, Stockholm, Sweden: Chairman, July 1986.
- 7. 1st International School on Astroparticles, Erice, Italy, Organizer/Director/Co-ordinator/Lecturer, January 1987.
- 8. 1st International Conference on the "Fourth Generation," Santa Monica, CA, February 1987, Chairman/Invited talk.
- 9. Telemark IV, Neutrino Masses and Neutrino Astrophysics, Ashland, WI, March 1987, Chairman.
- 10. Quantum Cosmology Workshop, FNAL, May 1987, Invited talk.
- 11. ESA (European Space Agency) Summer School, Alpbach, Austria, July 1987, Chairman/Invited lecturer.
- 12. International School of Subnuclear Physics, Erice, Sicily, August 1987, Invited lecturer.
- 13. Results and Perspectives in Particle Physics, La Thuile, Aosta, Italy 1988, Invited talk.
- 14. International School on Non-accelerator physics, ICTP, Trieste, Italy, May 1988, Invited lecturer.
- 15. Third ESO-CERN Symposium, "Astronomy, Cosmology and Fundamental Physics," Bologna, Italy, May 1988, plennary talk.
- International Workshop on "New Developments in High Energy Physics," Crete, Greece, July
 1988, invited talk.
- 17. 1988 CERN School of Physics, Lefkada, Greece, September 1988, invited lecturer.
- 18. "Beyond the Standard Model," conference, Ames, Iowa, November 1988, invited talk.

- 19. "Interdisciplinarity at CCSEM: A symposium to celebrate 25 years of Activity," Erice, Sicily, Italy, December 1988, Invited talk.
- "Collapse of the Wavefunction," talk at the Amer. Phys. Society meeting, University of Houston,
 March 4, 1989.
- 21. "Flipped Physics", invited talk at the "Strings 89" Workshop, Texas A&M University, March 15, 1989.
- 22. International School of Astro-Particle Physics, "2nd Course: The Early Universe and its Observable Consequences for Particle Physics," Erice, Sicily Italy, May 20-30, 1989. <u>Director</u> and lecturer.
- 23. "New Physics for the SSC," invited talk at HARC-SSC Meeting, The Woodlands, Texas, September 29, 1989.
- 24. SSC Meeting, Dallas, October 1-5, 1989.
- 25. "Flipped SU(5) in the 90's," invited talk at the "Strings 90" Workshop, Texas A&M University, March 12, 1990.
- 26. "Neutrino 90," CERN, Geneva, Switzerland, June 11-15, 1990.
- 27. "Flipped SU(5) in the 90's," invited talk at the Current Problems in Particle Physics and Cosmology, Workshop, June 24-29, 1990, University of Ioannina, Ioannina, Greece.
- 28. "Astroparticle Physics," Opening talk at the <u>TEXAS/ESO-CERN Symposium</u>, Brighton, England, December 16-22, 1990.
- 29. "International School of Astroparticle Physics," HARC, The Woodlands, TX, 1/6-12/1991 (Director, lecturer).
- 30. "John Bell Symposium," CERN Geneva, 5/2-3/1991.
- 31. "International School on Particle Physics," Les Houches, France, 7/1-26/1991, Invited lecturer.
- 32. "Particle Physics Today," in the Conference for Advancement in Science Teaching, (CAST), invited talk, TAMU, 10/11/1991.
- 33. International Workshop on Beyond the Standard Model Physics, Frascati, Italy, 12/3-6/1991, Invited lecturer.
- 34. International Symposium on Black Holes, Membranes, Wormholes, and Superstrings, HARC, The Woodlands, Texas, 1/16-18/1992, Director, Lecturer.
- 35. Vulcano Workshop 1992: Frontier Objects in Astrophysics and Particle Physics, Vulcano, Italy, 5/18-23/92, invited lecturer.
- 36. International Workshop of Theoretical Physics, "String Quantum Gravity and Physics at the Planck Energy Scale," Erice, Italy, 6/21-28/92, Invited lecturer.
- 37. International School of Subnuclear Physics, "From Superstrings to the Real Superworld," Erice, Italy, 7/14-22/92, Invited lecturer.

- 38. International Workshop on "Ten Years of SUSY Confronting Experiment," CERN, Geneva, Switzerland, 9/7-9/92, Director.
- 39. Workshop on "Asymmetric d Factory Design," UCLA, 10/28/92, Invited lecturer.
- 40. Workshop on "Signals from the Planck Scale at Low Energy," UCLA, 10/29-30/92, Invited lecturer.
- 41. INFN Eloisatron Workshop, "From Superstring to Supergravity," Erice, Italy, 12/5-12/92, Invited lecturer.
- 42. SSC Meeting, University of Wisconsin, Madison, WI, 3/28/-3/31/93, invited lecturer.
- 43. HARC Workshop on "Recent Advances in the Superworld," 4/14/-16/93, Workshop Director, lecturer.
- 44. Annecy Meeting on "W-Algebras," Annecy, France, 7/1/-3/93, invited lecturer.
- 45. 1994 International School of Subnuclear Physics, Erice, Italy, 7/4/-12/93, invited lecturer.
- 46. "Democritos" Summer School, Athens, Greece, 7/15-31/93, series of invited lectures.
- 47. World Laboratory Meeting, Lausanne, Switzerland, 11/8-9/93, invited lectures.
- 48. "Dark Matter and Astroparticle Physics," Houston Astronomical Society Meeting, 2/4/94.
- 49. "String Phenomenology," Beijing, China, in "Frontiers in Quantum Field Theory," 6/15-22/94.
- 50. "As Time Goes By...," Beijing, China, in "Frontiers in Quantum Field Theory," 6/15-22/94.
- 51. "Superstring Phenomenology: The Top-Down Approach," at the International School of Subnuclear Physics, 32nd Course: From Superstrings to Present Day Physics," Erice, Sicily, Italy, 7/3-11/94.
- . 52. "No-Scale Supergravity," at the International Conference on the History of Original Ideas and Basic Discoveries, Erice, Sicily, Italy, 7/29-8/4/94.
 - 53. "As Time Goes By...," At the XV Brazilian Meeting on Particles and Fields, Angra dos Reis, Brazil, 10/4-8/94.
 - 54. "Prospects for SUSY Discovery at Tevatron and LEP II," at the LEP II Workshop, CERN, Geneva, Switzerland, 11/28/94.
 - 55. "Brains with Strings Attached," Banquet address at the Spring '95 Meeting of AAPT, APS, SPS, Sam Houston State University, Huntsville, Texas, 3/3/95.
 - 56. "Experimental Tests of CPT-Symmetry and Quantum Mechanics at CPLEAR," at the "2nd Da@ne Workshop, Da@ne '95", Frascati, Italy, 9/4-8/95.
 - 57. "Quantum Aspects of Brain Function and Superstrings," at the "Physics Without Frontiers Four-Seas Conference," Trieste, Italy, 6/25-7/1/95.
 - 58. "Experimental Tests of CPT-Symmetry and Quantum Mechanics at CPLEAR," at the "Physics Without Frontiers Four-Seas Conference," Trieste, Italy, 6/25-7/1/95.
 - 59. "Properties of the Vacuum in String Theory," at the 33rd International School of Subnuclear Physics, "Vacuum and Vacuua: the Physics of Nothing," Erice, Italy, 7/2-10/95.

- 60. "Quantum Mechanics and the Brain," at the "Democritos" International Summer School, Athens, Greece 7/15-28/95.
- 61. "Present Status of Astroparticle Physics," at the 10th Annual World Laboratory Meeting, Lausanne, Switzerland, 11/4-5/95.
- 62. "SUSY Signatures of Flipped SU(5)," at the CDF-SUSY Workshop, Fermilab, IL, 1/30/96.
- 63. "Time," at the Annual Greek High Energy Physics Society Meeting, Ioannina Greece 4/2-6/96.
- 64. "Brains with Strings Attached," at the "Toward a Science of Consciousness 1996, Tucson II" Conference, Tucson, AZ 4/8-13/96.
- 65. "Microtubules: The Neuronic System of the Neurons?," at the "Biophysics of the Microtubules" Workshop, Texas Medical Center, Houston, TX 4/12-14/96.
- 66. "Theoretical Summary Talk," at the XI Topical Workshop on Proton-Antiproton Collider Physics,
 Abano-Terme(Padua), Italy, 5/26-6/1/96.
- 67. "From Unification to Leptophobia" at the 34th International School of Subnuclear Physics, Erice, Italy, 7/3-12/96.
- "Quantum Vadis," at the International Summer School, "Democritos" Nuclear Research Center,
 Athens, Greece, 7/8-26/96.
- 69 "Radiative Decay Signatures of Supergravity" at the CERN SUSY Workshop, Geneva Switzerland, 10/98-30/96.
- 70. "CPT Violation in String Theory", at the Symposium on "Flavour Changing Neutral Currents", (FCNC '97), Santa Monica, California, 2/19-21/1997.
- 71. "M-Phenomenology", at the International Workshop "Beyond the Desert", Tegernesse, Germany, 6/9-14/97.
- 72. "Brain function, Quantum Mechanics and String Theory", at the International Workshop "Beyond the Desert", Tegernesse, Germany, 6/9-14/97.
- 73. "Brain function and Quantum Mechanics", at the International Summer School, "Democritos" Nucl. Research Center, Athens, Greece, 7/7-26/97.
- 74. "Theory of Everything", at the International Summer School, "Democritos" Nucl. Research Center, Athens, Greece, 7/7-26/97.
- 75. "M-Phenomenology", at the International School of Subnuclear Physics, 35th Course "Highlights: 50 years later", Erice, Sicily, Italy, 8/26-9/4/97.
- 76. "Cryptons Revisited: A Stringy Form of Dark Matter," at the 3rd International Symposium on "Sources and Detection of Dark Matter in the Universe," Marina del Rey, California, February 17-20, 1998
- "Cryptons: A Stringy Form of Decaying Superheavy Dark Matter, as a Source of the Ultra High Energy Cosmic Rays," at the Arnowitt-Fest, Texas A&M University, College Station, Texas, April 6-8, 1998.

- 78. "Why is LHC the Way to Discover the Secrets of Matter and the Universe?," at the 3rd ATLAS- M Workshop, Lekethos, Mecedonia, Greece, July 3-7, 1998.
- 79. "Non-Vanishing Cosmological Constant and Modern Cosmogony," at the International Summer School, "Democritos" Nuclear Research Center, Athens, Greece, July 6-25, 1998.
- 80. "Cryptons: A New Form of Dark Matter," at the International Summer School, "Democritos" Nuclear Research Center, Athens, Greece, July 6-25, 1998.
- 81. "M-Theory Phenomenology," at the SUSY '98 Conference, Oxford, England, July 19-17, 1998.
- 82. "Superstring Inspired Dark Matter," at the Dark Matter '98 Conference, Heidelberg, Germany, July 20-25, 1998.
- 83. "Possible Applications of Quantum Physics to Brain (dis)function," Opening Talk at the 9th Annual Greek Medical Conference, Iraclion, Creta, Greece, November 4-7, 1998.
- 84. "Brain (dis)functions and Quantum Physics," Opening Talk at the 9th Annual Greek Pharmaceutical Conference, Athens, Greece, November 7-9, 1998.
- 85. "Mind from Brain," Opening Talk at the European Conference on Bioethics, Athens, Greece, March 19-21, 1999.
- 86. "Search for Quantum Gravity," at the International School of Cosmology and Gravitation," Erice, Sicily, Italy, April 27-May 4, 1999.
- 87. "Search for Quantum Gravity," at the 2nd International Conference "Beyond the Desert '99," Castle Ringberg, Germany, June 6-19, 1999.
- 88. "Astroparticle Physics at the Threshold of the 21st Century," at "SAMOTHRACE '99," Samothrace, Greece, June 24-27, 1999.
- 89. "Search for Quantum Gravity," at the 2nd International Conference on Non-Accelerator New Physics '99," Dubna, Russia, June 28-July 3, 1999.
- 90. "Matter and Mind," at the International Summer School, "Democritos" Nuclear Research Center,
 Athens, Greece, July 5-24, 1999.
- 91. "On the Constancy of the Velocity of Light in the Vacuum," at the International Summer School, "Democritos" Nuclear Research Center, Athens, Greece, July 5-24, 1999.
- 92. "Strolling Down Memory Lane," Opening Talk at the HSBCR Fourth International Conference, Iraclion, Crete, Greece, November 4-7, 1999.
- 93. "The Quantum Brain," Opening Talk at the Pan Dodecanisian Conference, Rodos, Greece, December 10-12, 1999.
- 94. "Probing Quantum Space-Time Foam", at the "Dark Matter '2000" Conference, Marina del Rey, CA, February 23-26, 2000.
- 95. "SUSY Astro-Phenomenology," Plenary talk at the "SUSY-2001" International Conference, Dubna, Russia, June 11-17, 2001.
- 96. "SUSY Astro-Phenomenology," at the APS Meeting, TSU, Fort Worth, TX, October 5, 2001.

- 97. "SUSY, Dark Matter, and the Anonalous Magnetic Moment of the Muon," Plenary talk of the Greek Physical Society, Annual Meeting, Chios, Greece, November 2, 2001.
- 98. "Alzheimer Disease at the Molecular level", Plenary talk at 2nd Congress of Alzheimer Disease, Salonica, Greece, January 2002.
- "Dark Matter, Supersymmetry and g-2", Plenary talk at International Conference on Dark Matter,"D.M. '02", Marina dei Rey, CA, February 2002.
- 100. "Deep in th Brain, ...", Opening talk, Air Force Hospital Conference, Athens, Greece, May 2002.
- 101. "Dark Matter, Dark Energy and Proton Decay", Plenary talk at International Conference, "Beyond the Standard Model", Oulu, Finland, June 2002.
- 102. "Private V. S. Public Education", Video Presentation International Conference on Education, Vouliagmeni, Greece, June 2002.
- 103. "Flipping SU(5) Out of Trouble", Plenary talk at 1st Superstring Phenomenology Conference, Oxford, England, July 2002.
- 104. "Protons are not for ever", International Conference on Neutrinos, "NeSS 2002", Washington, D.C., September 2002.
- 105. "Nothing Secret Under P.E.T.", Opening talk, International Medical Conference, Salonica, Greece,
 December 2002.
- 106. "Brain and Bioinformatics", Opening talk, Medical Conference, Vouliagmeni, Greece, December
- 107. "Science and Society", Keynote lecture at the Hellenic-American Medical Association annual meeting, Athens, Greece, February 2003.
- 108. "The Physics of P.E.T.", Opening talk in the "7th State of the Art", interdisciplinary review course, organized by the Medical School of University of Athens, Athens, Greece, April 2003.
- 109. "WMAPing out SUSY Dark Matter and Proton Decay", Plenary talk at the International Conference "Recent Developments in High Energy Physics, HEP 2003", organized by the Hellenic Society for the Study of High Energy Physics, Athens, Greece, April 2003.
- "The Matter of the Spirit", Invited talk in the 2nd International Meeting "Universality and Culture in the Globalization Era: the Paths of Peace" organized by the World Forum of Religions and Cultures, Nicosia, Cyprus, May 2003.
- 111. "Electromagnetic and Informational Processes in Biomolecular Polymers", Invited talk at the DARPA/Bio-Computation Joint Meeting, Ft. Lauderdale, Florida, May 2003.
- 112. "Alzheimer's Disease and Microtubules" Opening talk at the 13th Alzheimer European Conference, Salonica, Greece, June 2003.
- 113. "Art and Science", Plenary talk at the 5th Medical, Scientific, and Philosophy Congress, organized by the University of Athens, Chios, Greece, July 2003.

- 114. "WMAPing Out Dark Matter and Proton Decay", Plenary talk at the Second International Conference on Superstring Phenomenology '03, University of Durham, Durham, England, July 2003.
- "Closing in the Origin of the Universe and the Mind Machine", Plenary talk at the 5th Euromech Solid Mechanics Conference, ESMC-5, University of Salonica, Salonica, Greece, August 2003.
- 116. "The Wondrous New Universe", Keynote lecture at the Caratheodory Symposium, Athens, Greece, October 2003.
- 117. "The Wondrous New Universe", Opening lecture of the 7th Greek Orthodontic Society Conference, Athens, Greece, November 2003.
- 118. "The Brain as a Quantum Computer", Keynote lecture at the Greek MENSA Conference, "Artificial Intelligence and Human Ingenuity", Athens, Greece, December 2003.
- 119. "Studying the Microcosmos of the Brain", Opening lecture at the Annual Conference of the National Navy, Athens, Greece, January 2004.
- 120. "P.E.T.", Opening talk of the 3rd Annual Meeting of "HYGEIA", Athens, Greece, January 2004.
- 121. "The Wondrous New Universe", Keynote lecture at the 10th Annual Meeting of the Greek Physical Society, Loutraki, Greece, January 2004.
- 122. "Neuro-Bio-Phychology", Keynote lecture at the New York College Meeting "Mental Disability and Law", Athens, Greece, February 2004.
- 123. "WMAPing the Universe: Dark Matter, Dark Energy, Supersymmetry and Proton Decay", Invited talk at the "Dark Matter/Energy '04" International Conference, Los Angeles, CA, February 2004.
- "WMAPing out Dark Matter, Supersymmetry and Proton Decay", Invited talk at the International"Observational Cosmology" Conference, College Station, TX, April 2004.
- 125. "Cosmology Today", Opening lecture at the International Symposium honoring Pierre Gilles de Gennes, Nobel Prize in Physics 1991, Athens, Greece, May 2004.
- 126. "Modern Science and the Dawn of the New Renaissance", Invited talk at the 8th Government Roundtable "Leadership in the 21st Century" <u>Economist</u> Conference, Athens, Greece, May 2004.
- 127. "Modern Cosmogony", Invited talk at the 3rd "World Forum of Religions and Cultures", Athens, Greece, May 2004.
- 128. "On the Brain Microcosm", Opening lecture at the 1st International Conference on Biotechnology, Athens, Greece, July 2004.
- 129. "WAMPing the Universe: Dark Matter Supersymmetry and Proton Decay", Invited series of lectures delivered at the International Conference on M-theory, Instanbul, Turkey, August 2004.
- 130. "Brany Liouville Inflation and Acceleration", Invited talk at the International Conference "Dark Matter '04", College Station, TX, October 2004.
- 131. "The New Wondrous Universe", Opening talk at the 30th European Congress of Cytology, Athens, Greece, October 2004.

- 132. "Space-Time and Human Perception", Invited talk at the International Conference on Heart-Anesthesiology, Athens, Greece, January 2005.
- 133. "The Role of Proton Decay in Grand Unified Theories", UCLA International Conference on Proton Decay, Los Angeles, CA, February 2005.
- 134. "Brain Function and MRI", Invited talk at the International Conference on MRI, Euromedical, Athens, Greece, March 2005.
- 135. "The Role of Proton Decay in Grand Unified Theories", at the Quantum Gravity Phenomenology Workshop, Texas A&M University, April 2005.
- 136. "Brain Function", at the Euromedical International Conference, Solonica, Greece, May 2005.
- 137. "Brain Function", at the 12th National Pharmacologist Conference, Athens, Greece, May 2005.
- "On the Microcosmos of the Brain", Distinguished lecture at the Annual National Conference of the Greek Medical Association, Athens, Greece, May 2005.
- 139. "No-Scale Supergravity", at the Ferrara Fest, Rome, Italy, June 2005.
- 140. "Science and Environment", at the International Conference on Greece and the National Environment, Athens, Greece, June 2005.
- 141. "Modern Cosmogony", Opening talk at the 3rd International Planetary Probe Workshop, Anavissos, Greece, June 2005.
- "The Influence of Modern Science on the Social Fabric", at the International Conference on 2500 Years of Democracy, Delfi, Greece, July 2005.
- 143. "Modern Cosmogony", Opening talk at the International Summer School on Physics, "Democratus" Nuclear Research Center, Athens, Greece, July 2005.
- 144. "Modern Cosmogony" and "Brain Function", at the International Conference on Higher Education, Delfi, Greece, August 2005.
- 145. "Science and Technology in the 21st Century", at the International Symposium about Greece, Chicago, IL, September 2005.
- 146. "The Microcosmos of the Brain", Opening talk at the 25th Annual National Conference of the Greek Dentist Association, Larissa, Greece, October 2005.
- 147. "On Basic Research", Invited talk at the 7th International Meeting on Medical Chemistry, Patra, Greece, March 2006.
- "On the Brain Functions", Invited talk at the International Medical Conference, Euromedica, Athens, Greece, March 2006.
- "On the Theory of Everything", Keynote lecture at the International Conference of the Greek Physical Society, Larissa, Greece, March 2006.
- 150. "The Strong Coupling Accelerates the Expansion of the Universe", Invited talk at the 2nd Mitchell Symposium on Cosmology, Astronomy and Fundamental Physics, College Station, Texas, April 2006.

- 151. "Brain and Mind", Invited talk at the "Filoctetes Center" Conference, New York City, New York, April 2006.
- 152. "On the Brain's Microcosmos", Opening lecture at the 44th International Conference of the National Pediatric Society, Rodos, Greece, June 2006.
- 153. "Q-Cosmology", Invited talk at the Mitchell-Cambridge Cosmology Conference, Cambridge, England, August 2006.
- 154. "Brain Microstructures and Functions", Opening talk at the International Surgeon Conference, Athens, Greece, August, 2006.
- 155. "Dark Energy and Non-Critical Strings", Invited talk at the Texas Cosmology Network Meeting, Austin, Texas, September 2006.
- 156. "Modern Research", Invited talk at the United Nations, New York City, New York, September, 2006.
- 157. "Brain Neuronics", Opening talk at the European Society of Cardiology Conference, Athens, Greece, October 2006.
- 158. "Brain's Microcosmos", Opening talk at the 25th International Medical Conference, Athens, Greece, November 2006.
- 159. "Mode'n Cosmos", Invited talk at the "Filoctetes Center" Conference, New York City, New York, February 2007.
- 160. "Modern Cosmogony", Invited talk, as person of honor, in National Conference of Young Scientists, Kalabaka, Greece, March 2007.
- 161. "Arts and Science", Closing lecture at the International Festival for Science Cinema (CAID), Athens, Greece, April 2007.
- 162. "Science and Technology in the 21st Century", Invited talk at the conference in honor of his excellency, Dr. A. Kamal, President of India, Athens, Greece, April 2007.
- 163. "Science and Ethics", Invited talk, and Chairman in the International Conference of Science and Ethics, Academy of Athens, Athens, Greece, May 2007.
- 164. "Modern Wise Men", Invited talk at the International Conference "7 Wise Men in Medicine", and Moderator, Athens, Greece, May 2007.
- "How SSC Affects LHC", Invited plenary talk at the International Conference, PPC, College Station, Texas, May 2007.
- 166. "Modern Cosmogony", five invited lectures at the Symposium of the Free University of Athens, Athens, Greece, May-June 2007.
- 167. "Brain's Microcosm", Invited talk at the International Euromedia Conference, Athens, Greece, June 2007.
- 168. "A Realistic Model from Intersecting D-Branes", Invited talk at the String Phenomenology Conference 2007, Rome, Italy, June 2007.

- 169. "How SSC Affects LHC", Invited talk at the International "Axion" Workshop, Patra, Greece, June 2007.
- 170. "From Icarus to the Beginning of the Universe", Invited talk at the International Conference of Science and Philosophy, Icaria, Greece, June 2007.
- 171. "Modern Cosmogony", Invited lectures of the "Democritos" Nuclear Research Center Summer School, Athens, Greece, July 2007.
- 172. "Brain's Microcosm", Invited lecture at the International Delfi Conference, Delfi, Greece, August 2007.
- 173. "Brain's Micro-Universe", Opening lecture at the International Medical Conference, Alexandroupolis, Greece, October 2007.
- 174. "From Icarus to Modern Cosmogony", Keynote lecture at a conference in my honor, University of Missouri, St. Louis, Missouri, November 2007.
- "Modern Physics", Keynote lecture at a Conference in my honor, Hellenic Medical Society, "Distinguished Hellen, 2007", New York City, New York, December 2007.
- 176. "Brain's Microcosm", invited Keynote talk at the 80th Anniversary of the College of Agriculture conference, Aristotle University of Thessaloniki, Thessaloniki, Greece, 1/7/08
- 177. "The MAGIC of SSC and how it affects LHC", invited plenary talk at the "Dark Matter '08" International Conference, Merine-del Rey, CA, 2/20/2008.
- 178. "Modern Cosmogony and the velocity of Light", invited Keynote talk at the Greek Physical Society biannual International Conference, Kavala, Greece, 3/21/2008.
- 179. "Technological Innovations", invited plenary talk at the 12th Annual "Ecomomist" Conference, Athens, Greece, 4/10/08.
- 180. "The Quantum and the Brain", invited Keynote talk at the Euromedica Conference, Athens, Greece, 4/12/08.
- 181. "The Quantum and the Brain", Honorary lecture at the 22nd Annual International Congress of the Hellenic Neurosurgeon Society, Vouliagmeni, Attica, Greece, 6/11/08.
- 182. "From Icarus to Modern Cosmogony", Keynote talk at the Pontiac Congress, Athens, Greece, 7/5/08
- 183. ."Magic Universe", Keynote talk at the International Biomedical Conference, Naxos, Greece, 8/29/08.
- 184. "Predicted Signals at LHC: The One-Parameter Model", invited lectures at the International School of Sub-Nuclear Physics, Erice, Italy, 9/2/08.
- 185. "How SSC affects LHC", invited lecture of the International Workshop on the LHC Physics, Erice, Italy, 9/3/08.
- 186. "The Big CERN experiment: LHC", invited keynote talk at the International Meeting on Science, University of Patras, Patra, Greece, 3/19/09

- 187. "Magic Time Delays", talk at the Hawking Meeting, Cook's Branch, Texas, 4/15/09
- 188. "LHC-ology", invited keynote talk at the International Pharmacology Conference, Athens, Greece, 5/9/09
- 189. "R&D", invited talk at the European Meeting of the National Research Councils, Vienna, Austria, 5/14-16/09
- 190. "The MAGIC of Time delays", plenary talk at the International Conference of High Energy Physics,
 Athens, Greece, 5/22/09
- 191. "The Cosmological Revolution". Closing lecture at the International Conference on Modern Science, Mykonos, Greece, 6/1/09
- 192. "Modern Cosmogony", public lecture, Municipality of Kefalonia, Greece, 6/13/09
- 193. "How Green is the Universe? LHC", invited keynote talk at the International Conference on Environment, Mykonos, Greece, 6/20/09
- 194. "How Physics may change your life", invited keynote talk at the International Meeting of the Academy of Culture and Civilizations, Athens, Greece, 6/26/09
- 195. "Physics Discussions", at the Nobel Prize Laureates in Physics Meeting, Lindau, Germany, 6/29-7/4/09
- 196. "The MAGIC of Time delays", invited lectures at the International Summer School at "Demokritos" Nuclear Research Center, Athens, Greece, 7/10/09
- 197. "The Quantum and the Brain", invited keynote lecture of the 3nd Global Hellenic Medical/Biosciences Meeting, Lagonisi, Greece, 9/3-5/09
- 198. "LHC-ology", Presentation at the Board of Directors Meeting of HiPower Laser Energy Research (HiPER), Chateau Cadarache, France, 9/24-25/09
- 199. "LHC-Physics", Acceptance speech for the "Enrico Fermi" Prize of the Italian Physical Society,
 Bari, Italy, 9/28/09
- 200. "Quantum Life", talk at the International Biomedical Association Meeting, Harvard University, Boston, USA, 10/10/09
- 201. "Quantum Life", opening talk of the 12th International Cardiological Congress, Larissa, Greece, 10/16/09
- 202. "Quantum Brain", Keynote lecture of the International Ongological/Imaging Conference, Athens, Greece, 10/23/09
- 203. "F-ast Proton Decay", invited talk at the 2nd Texas-Cosmology Network, Austin, Texas, 10/29/09
- 204. "F-ast Proton decay, Dark Matter and the LHC", invited talk at the "Dark Matter '10" International Conference, Marina Del Rey, CA, 2/24/2010
- 205. "F-ast Proton decay, Dark Matter and the LHC", opening talk at the International Conference of the Greek Physical Society, Patra, Greece, 3/17/2010

- 206. F-theory and Gaugino Masses", invited talk of the Hawking Meeting, Cook's Branch, Texas, 4/13/2010
- 207. "Quantum Myth of Sisyphus", invited talk at the "Quality of Life" International Meeting, at the Onassis Foundation Headquarters, New York, N.Y., USA, 4/16/2010
- 208. "Technological Innovations: Exploring New Frontiers", Invited Keynote lecture at the "Economist" International Symposium, Athens, Greece, 4/30/2010
- 209. "The Quantum Life", Keynote lecture at the "World Spine '10 Conference, Santorini, Greece, 2/5/2010
- 210. "The Quantum and the Brain", Keynote lecture at the International Neuroscience Meeting, Salonica, Greece, 5/26/10
- 211. "Science and Education", Keynote lecture at the International Meeting on Education, Salonica, Greece, 5/6/2010
- 212. "Physics Discussions", at the Nobel Prize Laureates in Physics, Chemistry and Biology Meeting, Lindau, Germany, 6/27-7/3/2010
- 213. "Fast Proton Decay", International Summer School, National Center for Scientific Research
 "Demokritos", Athens, Greece, 7/5/2010
- 214. "Basic Research and Technological Innovation", opening talk at the "World Cretean Conference, Lasithi, Greece, 7/30/2010
- 215. "The Golden Strip of F-SU(5) Model", Invited talk (via Satellite) at the DICE '10 International Conference, Tuskany, Italy, 9/15/2010
- 216. "The Quantum Myth of Sisyphus", Invited talk at the "Athens Dialogues International Conference", Athens, Greece, 11/27/2010
- 217. "Multiverse and the LHC", key-note speech, "Eleftheria", National Conference, Alexandroupolis, Greece, 5/14/2011
- 218. "Multiverse and the LHC", key-note speech, *International Life* Conference, Navarino, Greece, 5/12/2011
- 219. Physics Discussions, at the Germany Nobel Prize Laureates in Biology Meeting, Lindau, 6/25-7/2/2011
- 220. "Multiverse and the LHC", opening talk, International Summer School of "Demokritos" Nuclear Research Centre, Athens, Greece, 7/4/2011
- 221. "Brecht's Galileo", opening talk, International Conference on German Literature, Goethe Institut, Athens, Greece, 7/12/2011
- 222. "The odd couple: The Multiverse and the LHC", key-note speech, *Ellis-Fest*, CERN, International Conference, Geneva, Switzerland, 9/13/2011
- 223. "Blue prints of the No-Scale Multiverse at the LHC", Symposium on Subnuclear Physics: Past,
 Present, Future, Pontifical Academy of Sciences, Closed meeting, Vatican City, 10/28-11/2/2011

- 224. "Elytis and Nature", key-note speech, International Symposium on "100 years from the birth of Odysseas Elytis, Nobel Prize in Literature 1979, Athens, Greece, 11/2/2011
- 225. "Supersymmetric Dark Matter at XENON100 and the LHC: No-Scale F-SU(5) Stringy Correlations",
 International UCLA Dark Matter 2012 Conference, Marina Del Rey, CA, 22-24, February 2012
- 226. "The Origin of Mass", opening talk, International Medical Symposium, Athens, Greece, 3/16/2012
- 227. "Charismatic Children", MENSA Conference, Athens, Greece, 4/28/2012
- 228. "The Higgs Discovery at LHC", key-note lecture, International Biomedical Conference, University of Patras, Patras, Greece, 5/9/2012
- 229. "One parameter model for the Superworld", What we would like LHC to give us, International School of Subnuclear Physics-50th, Erice, Sicili, Italy, 23 June-2 July, 2012
- 230. "The Amazing Higgs Particle", Colloquium, Department of Physics, Aristotle University of Salonica, Greece, 1/11/2012
- 231. "The Amazing Higgs Boson and its consequences", PAC seminar, TAMU, 2/8/12
- 232. "On the origin of Mass", American College of Athens, Greece, 3/14/12
- 233. "The brave new world of Higgs", opening talk, International Conference on Environment and Technology, Mykonos, Greece 6/22-6/25/2013
- 234. "No Scale Supergravity in the light of LHC and Planck", *Reflections on the Next step for LHC*, International School of Subnuclear Physics, 51st course, Erice, Sicily, Italy, 24 June-3 July 2013.
- 235. "On the Higgs Boson", Honorary invited guest, Nobel Prize Laureates Meeting, Lindau, Germany, 30 June 6 July 2013.
- 236. "The Brave New World of Higgs", opening talk, International Summer School, National Center for Scientific Research "Demokritos", Athens, Greece, 8 July 15 July 2013.
- 237. "The Athens Dialogues", invited contribution, Kings College, London, England, 30 November, 2013.
- 238. "The LHC Project", opening talk, CERN Conference on New Technologies, National Center for Scientific Research "Demokritos", Athens, Greece, 2 December 6 December 2013.
- 239. Dark Matter '14, International Conference, Invited Talk: " A No-Scale Framework for sub-Planckian Physics"; and session Chair, UCLA Campus, California, 2/26-28/2014
- 240. 60th CERN anniversary celebration event, Keynote talk: "The Discovery of the Higgs boson: The Inside Story", Onassis Cultural Centre-Athens, Greece, 3/18/2014
- 241. Athens Science Festival (British Council), Opening Talk: "Echoes from the Bing Bang", Athens, Greece, 4/30/2014
- 242. International Conference on High Energy Physics, Opening Talk: "Echoes from the Bing Bang", Naxos, Greece, 5/9-11/2014
- 243. International Conference on Nuclear Medicine, Opening Talk: "Echoes from the Bing Bang", loannina, Greece, 5/30/2014

- 244. International School of Subnuclear Physics, 52nd course: "Status of theoretical understanding and of experimental power for LHC Physics and beyond", Invited Talks: "A No-Scale Framework on Sub-Planckian Physics", I and II.
- 245. Nobel Prize Laureates Meeting, Honorary invited guest: Lindau, Germany, 6/29-7/5/2014
- 246. Onassis Summer Schools, Including students from Australia, Spain, China, USA, Greece, Invited lectures: "Cosmology", Athens, Greece, 7/3 and 7/9/2014
- 247. International Research-Centered Summer School (IRSS), Opening Talk: Echoes form the Big Bang", National Centre for Scientific Research (NCSR) "Demokritos", Athens, Greece, 7/2-11/2014
- 248. International Conference on High Energy Physics, Invited Talk, "A No-Scale Framework for Sub-Planckian Physics", Chania, Greece, 7/31-8/4/2014.
- 249. International Conference, "Rethink the Past", Sapienza University, session Chair, Rome, Italy, 12/1/2014
- 250. International Conference honoring A.B. Lahanas (Lahanas Fest), Invited talk: "A No-Scale model to fit them All", University of Athens, Greece, 1/9/2015
- 251. International Conference on Cardiology, Opening talk: "Modern Cosmogony", Ioannina, Greece, 2/26/2015
- 252. National Theatre of Greece: "Symposium of the month", Invited talk: "Uncertainty in Physics and Arts", 3/3/2015
- 253. National Conference on Science in Education, Opening Talk: "Physics as the basic tool of Science", Salonica, Greece, 3/14/2015
- 254. International talk on Cardiology, Opening talk: "From Newton to Higgs", Athens, Greece, 3/20/2015
- 255. European Union Conference, invited talk: "Science Opportunities in Greece", Brussels, Belgium, 4/20/2015
- 256. Carnegie Foundation Forum, Keynote Speech: "The importance of science in the Modern World", Athens, Greece, 4/25/2015
- 257. International Conference on the 30th Anniversary of the Medical School of the Democritus University of Thrace, Opening talk: "In the beginning...", Alexandroupolis, Greece, 5/8/2015
- 258. International Conference on the relation of Science to Humanities, Invited talk: "The world, the mind and the language", Nicosia, Cyprus, 5/11/2015
- 259. Olympic Symposium on Cosmology, Opening talk: "A No-scale Model to fit them All", Katerini, Greece, 5/18/2015
- 260. International Academy Meeting, Invited talk: "Science in the Academy of Athens:, Bern Switzerland, 5/21/2015

- 261. International Conference honoring K. Tamvakis (Tamvakis Fest), Invited talk: "Reminences of the Origin of No-Scale Supergravity", University of Ioannina, Ioannina, Greece, 5/24/2015
- 262. International Conference "Planck 2015", Plenary talk: "A No-Scale model to fit them All", University of Ioannina, Ioannina, Greece, 5/25/2015
- 263. International Conference on Environment, Keynote Speech: "Science and Environment", Acropolis Museum, Athens, Greece, 5/28/2015
- 264. Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) and SECOTOX Conference, Opening lecture: "The theory of Everything", Mykonos Island, Greece, 6/14-18/2015
- 265. 12th World Congress of Biological Psychiatry, Keynote Speech: "The Quantum and the Brain", Athens, Greece, 6/16/2015
- 266. Stavros Niarchos Foundation International Conference on Sustainability, Invited Opening Lecture: "The Universe: The Ultimate Sustainable System", Cavouri, Atticki, Greece, 6/25-26/2015
- 267. Nobel Prize Laureates Meeting, Honorary invited guest: Lindau, Germany, 6/28-7/3/2015
- 268. 3rd Hellenic Forum for Science, Technology and Innovation, Distinguished (Honorary) Guest invited lecture: "In the Beginning...", Athens, Greece, 7/1/2015
- 269. Scientific Symposium "Philosophy, Art and Science", Opening Talk: "Physics and Medicine", Nafplion, Greece, 7/4/2015
- 270. Dark Matter '16, International Conference, invited talk: A No-Scale Framework: From Cosmic Microwave Background to the Diphoton bumb(?)", UCLA Campus, California, 2/17-19/2016
- 271. String Phenomenology 2016 Conference, invited talk: "A No-Scale Framework: From CMB to the Digamma Bump (?)", University of Ioannina Campus, Ioannina, Greece, 5/20-24/2016
- 272. Nobel Prize Laureates Meeting, Honorary invited guest: Lindau, Germany, 6/26-7/2/2016
- 273. 51st International Summer School, Opening Talk: "Gravitational Waves: Universe's chirps", Demokritos National Center for Scientific Research, Athens, Greece, 7/4-15/2016
- 274. "Quo Vadis" Scientific Society of Assisted Reproduction-Conception of Life, Athens, January 13, 2017. Invited oral presentation.
- 275. International Conference, "Europe 2020: Research and Technology", invited opening talk: "From the Enlightenment to the Enphotonment", Harokopeio University, Athens, Greece, July 1, 2016.
- 276. International Conference "Philosophy-Art-Science", Invited talk: "Cosmic Chirping", Nafplion, Greece, July 2-3, 2016.
- 277. International Conference/Summer School on "Modern Developments in Physics", Invited opening talk: "Cosmic Chirping", Democritus Nuclear Research Center, Athens, Greece, July 4-12, 2016.
- 278. International Conference "Re-think Greece", TEDxAcademy, invited opening talk: "Our Cosmos", Megaron Conference Center, Athens, Greece, October 1, 2016.
- 279. International Conference dedicated to the 2400th Anniversary of Aristotle's birth: "Philosophy and Cosmology", Invited opening talk: "In the beginning...", University of Athens, Athens, Greece, October 18, 2016.
- 280. International Symposium "Fiest of Science", Invited Keynote talk: "Cosmic Chirping", Megaron Conference Center, Salonica, Greece, October 19, 2016.

- 281. 6th International Medical Forum, Invited opening talk: "Cosmic Chirping", University of Athens, Athens Greece, October 31, 2016.
- 282. American-Hellenic International Meeting on Innovation, Invited opening talk: "Investing on Science", Hilton Hotel Conference Hall, Athens, Greece, December 7, 2016.
- 283. International CEO Summit, Invited keynote talk: "Synergy is a Greek word...", Megaron Conference Center, Athens, Greece, December 7, 2016.
- 284. "On the origin of the physical laws" International Meeting of Greek Physical Society, Salonica, Greece, May 6, 2017. Invited oral presentation.
- 285. "Physics and Medicine" International Meeting celebrating the 40th Anniversary of the Medical School, University of Patras, Patras, November 20, 2017. Invited oral presentation.
- 286. "On the origin of the physical laws" International Conference on Neurosurgery, Athens, November 21, 2017. Invited oral presentation.
- 287. "Our cosmos today" International Meeting celebrating the 25 years of Microsoft in Greece, Athens, Greece, November 21, 2017. Invited oral presentation.
- 288. "Towards a new World, towards a new University" Inernational Meeting celebrating the 10 years of the Cyprus University of Technology, Limassol, Cyprus, December 1, 2017. Invited oral presentation.
- 289. "Flipped No-scale inflation, neutrino masses..." 55th International School of SubNuclear Physics: Highligths from LHC and other frontiers of Physics, Erice, Sicily, Italy, June 14-23, 2017. Invited oral presentation. Note: Series of lectures
- 290. "On the origin of the physical laws" International Conference on Longevity, Athens, September 8-10, 2017. Invited oral presentation.
- 291. "On the origin of the physical laws" International Conference on Medicine, Physics, Philosophy, Nafplion, Greece, July 7-9, 2017. Invited oral presentation.
- 292. "Keith Inflated" Keith Olive Fest, Minneapolis, USA, May 16-19, 2017. Invited oral presentation.
- 293. Distinguished Guest of Honor, Nobel Foundation, Lindau Meeting of Nobel Laureates, Lindau, Germany, June 25-July 1, 2017.
- 294. "Starobinsky-like Models as Avatars of No-Scale Supergravity", Invited plenary talk at the Dark
 Matter '18 International Conference at the University of California, Los Angeles, USA, 2/21
 24/2018
- "Can we define Driving of Change?", Invited Keynote speech of the ECONOMIST INTERNATIONAL CONFERENCE/SUMMIT, Megaron of Music, Athens, Greece, 3/9/2018.
- 296. Origin of physical laws, Invited Keynote speech at the "Pythagoria '18", Samos, Greece, 5/1-6/3/2018.
- 297. "Photon Decay", Unification: Perspective", Invited plenary talk at the SUSY (Supersymmetry) '19 conference, at Corpus-Cristi, Texas, USA, 5/20-23/2019.
- 298. The first 10⁻³⁰ sec, Opening talk as a keynote speaker at the International ISOLS' 19 Conference, Piraeus, Greece, 9/9-11/2019
- 299. A Theory of Everything, Invited plenary talk at the XXVII International Conference on Supersymmetry and Unification of fundamental Inflations (SUSY 2021), Beijing, China, 8/23-29/2021
- 300. "The Quantum Mind Machine" invited talk at the UNESCO (on line) Conference on Al, 2/15/2022
- 301. "Cosmology and Phenomenology of the Superstring derived No-Scale Flipped SU(5)", Invited plenary talk at the XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022), at the University of Ioannina, Greece, 6/27-7/2/2022.
- 302. "Model of Everything" or "MOET", Invited two lectures at the 2023 Spring School on Gravity and Cosmology, National Observatory of Athens, 3/20-22/2023.

Of my papers, the following have been included in reprint volumes:

[References are from my publication list.]

- 1. Ref. 34 in:
 - (a) "Selected Papers in Physics," Physical Society of Japan (1981).
 - (b) "Gauge Theories of Fundamental Interactions," World Publ. Co. (1982).
 - (c) "Unity of Forces in the Universe," World Publ. Co. (1982).
 - (d) "Inflationary Cosmology," World Publ. Co. (1986).
- 2. Ref. 49 in:
 - (a) "Selected Papers in Physics," Phys. Societ. of Japan (1981).
 - (b) "Unity of Forces in the Universe," World Scient. Publ. Co. (1982).
- 3. Ref 62 in "Origin of Symmetries," World Scient. Publ. Co. (1986).
- 4. Ref. 65 in "Dynamical Gauge Symmetry Breaking," World Scient. Publ. Co. (1982).
- 5. Ref. 70 in "Unity of Forces in the Universe," World Scient. Publ. Co. (1982).
- 6. Ref. 86 in "Supersymmetry," North Holland/World Scient. Publ. Co. (1987), p. 758.
- 7. Ref. 88 in "Supersymmetry," North Holland/World Scient. Publ. Co. (1987), p. 739.
- 8. Ref. 96 in "Supersymmetry," North Holland/World Scient. Publ. Co. (1987), p. 806.
- 9. Ref. 110 in "Inflationary Cosmology," World Scient. Publ. Co. (1986).
- 10. Ref. 120 in "Supersymmetry," World Scient. Publ. Co. (1986), p. 1138.
- 11. Ref. 134 in "Supersymmetry," North Holland/World Scient. Publ. Co. (1986), p. 1145.
- 12. Ref. 136 in:
 - (a) "Inflationary Cosmology," World Scient. Publ. Co. (1986).
 - (b) Current Physics Sources and Comments, Vol. 6, "Particle Physics and Cosmology: Dark Matter," North Holland Publ. Co. (1990) p. 223.
- 13. Ref. 137 in "Supersymmetry," North Holland/World Scient. Publ. Co. (1986), p. 1155.
- 14. Ref. 142 in "Supersymmetry," North Nolland/World Scient. Publ. Co. (1987), p. 1165.
- 15. Ref. 143 in "Supersymmetry and Supergravity," World Scient. Publ. Co. (1987).
- 16. Ref. 154 in "Supersymmetry", North Holland/World Scient. Publ. Co. (1987), p. 1172.
- 17. Ref. 18 in *Current Physics Sources and Comments*, Vol. <u>8</u>, "The Standard Model Higgs Boson", North Holland Publ. Co. (1991), p. 24.
- 18. Ref. 36, as above, p. 113.
- 19. Ref. 37, as above, p. 104.
- 20. Ref. 156 in "The Early Universe: Reprints", Addison-Wesley Publ. Co. (1988).
- 21. Ref. 347 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Troubles with the Minimal SU(5) Supergravity Model", World Scient. Publ. Co., (2007), p. 226.

- 22. Ref. 354 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Simplest, String-Derivable, Supergravity Model and its Experimental Predictions", World Scient. Publ. Co., (2007), p. 303.
- 23. Ref. 356 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Supersymmetry Tests at Fermilab: A Proposal", World Scient. Publ. Co., (2007), p. 255.
- 24. Ref. 358 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Proposed Tests for Minimal SU(5) Supergravity at Fermilab, Gran Sasso, SuperKamiokande and LEP", World Scient. Publ. Co., (2007), p. 239.
- 25. Ref. 361 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Sparticle and Higgs-Boson Production and Detection at CERN LEP II in Two Supergravity Models", World Scient. Publ. Co., (2007), p. 279.
- 26. Ref. 362 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. 39, "Improved LEP Lower Bound on the Lightest SUSY Higgs Mass from Radiative Electroweak Breaking and its Experimental Consequences", World Scient. Publ. Co., (2007), p. 247.
- 27. Ref. 367 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. 39, "SUSY Signals at DESY HERA in the No-Scale Flipped SU(5) Supergravity Model", World Scient. Publ. Co., (2007), p. 269.
- 28. Ref. 373 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. 39, "Towards a Unified String Supergravity Model", World Scient. Publ. Co., (2007), p. 295.
- 29. Ref. 377 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Strongest Experimental Constraints on SU(5) x U(1) Supergravity Models", World Scient. Publ. Co., (2007), p. 317.
- 30. Ref. 379 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Scrutinizing Supergravity Models through Neutrino Telescopes", World Scient. Publ. Co., (2007), p. 331.
- 31. Ref. 382 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "New Precision Electroweak Tests of SU(5) x U(1) Supergravity", World Scient. Publ. Co., (2007), p. 347.
- 32. Ref. 385 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Experimental Aspects of SU(5) x U(1) Supergravity", World Scient. Publ. Co., (2007), p. 367.
- 33. Ref. 386 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "The Top-Quark Mass in SU(5) x U(1) Supergravity", World Scient. Publ. Co., (2007), p. 357.
- 34. Ref. 394 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "A Light Top-Squark and its Consequences at High Energy Colliders", World Scient. Publ. Co., (2007), p. 447.

- 35. Ref. 396 in Searching for the Superworld, World Scientific Series in 20th Century Physics, Vol. **39**, "New Constraints on Supergravity Models from $b \to s \gamma$ ", World Scient. Publ. Co., (2007), p. 397.
- 36. Ref. 397 in Searching for the Superworld, World Scientific Series in 20th Century Physics, Vol. 39, "Experimental Consequences on One-Parameter No-Scale Supergravity Models", World Scient. Publ. Co., (2007), p. 411.
- 37. Ref. 398 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Constraints on No-Scale Supergravity Models", World Scient. Publ. Co., (2007), p. 437.
- 38. Ref. 402 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. 39,Supersymmetry Dileptons and Trileptons at the Fermilab Tevatron", World Scient. Publ. Co., (2007), p. 457.
- 39. Ref. 406 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "String No-Scale Supergravity Model and its Experimental Consequences", World Scient. Publ. Co., (2007), p. 467.
- 40. Ref. 422 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Experimental Constraints on a Stringy SU(5) x U(1) Model", World Scient. Publ. Co., (2007), p. 475.
- 41. Ref. 432 in Searching for the Superworld, World Scientific Series in 20th Century Physics, Vol. 39, "Supersymmetric Photonic Signals at the CERN e^+e^- Collider LEP in Light Gravitino Models", World Scient. Publ. Co., (2007), p. 483.
- 42. Ref. 436 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Single-Photon Signals at CERN LEP in Supersymmetric Models with a Light Gravitino", World Scient. Publ. Co., (2007), p. 489.
- 43. Ref. 448 in *Searching for the Superworld*, World Scientific Series in 20th Century Physics, Vol. **39**, "Light Gravitino Production at Hadron Colliders", World Scient. Publ. Co., (2007), p. 505.

Recent Seminars and Colloquia

- 1. "Superstrings," University of Tübingen, West Germany, 3/2/86.
- 2. "Superstrings," University of Annecy, France, 2/10/86.
- 3. "Astroparticles," Ohio State University, 4/9/86.
- 4. "Superstring Phenomenology," New York University, 4/11/86.
- 5. "Superstring Phenomenology," Rockefeller University, NY, 4/17/86.
- 6. "Superstring Phenomenology," Max Planck Inst., Munich, West Germany, 5/27/86.
- 7. "Superstrings," CERN, Geneva, Switzerland, 6/3/86/
- 8. "The Infrared Limit of the Superstring," CERN, Geneva, Switzerland,

8/20/86.

- 9. "Superstring Phenomenology," UW-Madison Physics Dept., 9/22/86.
- 10. "Superstring Phenomenology," Argonne (ANL), 9/29/86.
- 11. "Interface Particle-Physics Cosmology," UW-Madison Astronomy Dept., 11/11/86.
- 12. "Superstring Serenades," Urbana (IL), 11/13/86.
- 13. "Superstring Phenomenology," Minnesota (UM), 12/2/86.
- 14. "Superstring Phenomenology," Madison, "Rejuvinates", 2/5/87.
- 15. "Superstring Phenomenology," UW-Madison, Math Dept., 2/11/87.
- 16. "Superstrings," UC Santa Barbara, Physics Dept., 3/5/87.
- 17. "Superstring Phenomenology," UCLA, Physics Dept., 3/6/87.
- 18. "Low Energy Physics and Superstrings," FNAL, 4/23/87.
- 19. "Superstring Phenomenology," CNRS, Marseille, France, 5/20/87.
- 20. "Four-Dimensional Strings," UW-Madison, 9/25/87 and 10/30/87.
- 21. "Superstrings," DOE, Physics Research Branch, Washington, DC, 10/23/87.
- 22. "Superstrings," National Technical University, Athens, Greece, 12/21/87.
- 23. "Flipped SU(5) x U(1)," UW-Madison, Physics Dept., 2/5/88.
- 24. "Flipped SU(5) from 4-Dimensional Superstring," CERN TH-Division, 3/21/88.
- 25. "Hierarchical Fermion Masses from the Superstring," UW-Madison, Physics Dept., 4/22/88.
- 26. "Flipped Physics," University of Padova, Padova, Italy, 5/6/88.
- 27. "Flipped SU(5)," University of Geneva, Geneva, Switzerland, 5/27/88.
- 28. "Far Beyond the Standard Model," University of Geneva, Geneva, Switzerland, 6/10/88.
- 29. "Particle Physics and Cosmology," Texas A&M University, 9/14/88.
- 30. "Flipped SU(5)," Texas A&M University, 9/16/88.
- 31. "Flipped SU(5)," National Technical University, Athens, Greece, 12/19/88.
- 32. "Flipped SU(5)," ETH, Zurich, Switzerland, 1/10/89.
- 33. "Astroparticle Physics," Colloquium, Texas Accelerator Center (TAC).
- 34. "Superstrings," Texas A&M University, 2/17/90.
- 35. "Quantum Gravity and the Collapse of the Wavefunction," Texas A&M University, 2/28/89, TAC 3/3/89.
- 36. "Flipped SU(5)," University of Hawaii, 4/4/89.
- 37. "The Collapse of the Wavefunction," University of Hawaii, 4/5/89.
- 38. "The Collapse of the Wavefunction," University of Illinois, Champagne-Urbana, 4/19/90.
- 39. "The Collapse of the Wavefunction," University of Milano, Italy, 6/15/89.
- 40. "Flipped SU(5)," Ecole Normale Superieure, Paris, France, 6/19/89.
- 41. "The Collapse of the Wavefunction," Colloquia, CERN, Geneva, Switzerland, 6/28/89.
- 42. "Flipped SU(5) Revamped," University of Texas at Austin, 9/12/89.

- 43. "Flipped SU(5) Revamped," Rockefeller University, NY, 10/18/89.
- 44. "Flipped Physics," University of Alabama at Tuscaloosa, 10/25/89.
- 45. "Three Generations: A Prediction Fulfilled," TAC, 10/27/89.
- 46. "Three Generations: Past, Present and Future: A Theorist's View," Colloq., CERN, Geneva, Switzerland, 12/7/89.
- 47. "Flipped SU(5) from 4-D Superstrings," University of Geneva, Switzerland, 12/8/89.
- 48. "Quantum Mechanics and Wormholes," University of Geneva, Switzerland, 12/14/89.
- 49. "Three Generations: Past, Present and Future: A Theorist's View," Colloq., Texas A&M University, 1/25/90.
- 50. "High Energy Physics," talk at CISD (Physics teachers), TAC, 2/19/90.
- 51. "Three Generations: Past, Present and Future: A Theorist's View," Colloq., University of Houston, 2/20/90.
- 52. "Three Generations: Past, Present and Future: A Theorist's View," Colloq., Rice University, 3/14/90.
- 53. "Flipped SU(5) I, II," Texas A&M University, 4/17 and 4/19/90.
- 54. "Astroparticle Physics," Collog., NASA, ISC, Houston, 4/20/90.
- 55. "Flipped SU(5) in the 90's," University of Padova, Italy, 5/8/90.
- 56. "Three Generations, LEP and Dark Matter," Colloq., University of Padova, Italy, 5/9/90.
- 57. "Flipped SU(5)," Saclay Labor., France, 6/5/90.
- 58. "Quantum Mechanics and Wormholes," Eiole Normale Superieure, Paris, France, 6/7/90.
- 59. "Cryptons: A New Form of (Dark?) Matter," Collog., CERN, Geneva, Switzerland, 8/22/90.
- 60. "Cryptons: A New Form of (Dark?) Matter," Texas A&M University, 9/11/90.
- 61. "Flipped SU(5)," "Democritos" Nuclear Research Center, Athens, Greece, 10/22/90.
- 62. "Particle Physics Today," Department of Physics, University of Athens, Greece, 10/24/90.
- 63. "Physics at the Threshold of the 21st Century," Department of Physics, Nuclear Research Center,
 Athens, Greece, 12/10/90
- 64. "Cosmology Today," Department of Physics, University of Athens, Greece, 12/21/90.
- 65. "Stringy Effects in Cosmology," TAMU, 2/8/91.
- 66. "Recent Developments in SUSY," "Democritos," Nuclear Research Center, Athens, Greece, 7/24/1991.
- 67. "Flipped SU(5)," University of Ilinois at Urbana, 9/9/1991.
- 68. "Flipped SU(5)," UCLA, 10/7/1991.
- 69. "Quantum Mechanics, Black Holes and Superstrings," Cal Tech, 10/8/1991.
- 70. "Unified Theories and the SSC," SSC laboratory, Colloquium, 10/10/1991.
- 71. "Quantum Mechanics, Black Holes and Superstrings," TAMU 10/11/1991.
- 72. "Black Holes and Quantum Mechanics in String Theory," Rockefeller University, 2/11/92.

- 73. "More Stuff on Stringy Black Holes," TAMU, 3/13/92.
- 74. "Quantum Mechanics, Gravity and Stringy Black Holes," Colloquium, HARC, 4/15/92.
- 75. "Unification of Physics from Quantum Mechanics to Black Holes," Distinguished lecture, University of New Mexico, Albuquerque, 4/23/92.
- 76. "Quantum Mechanics and String Theory," National Laboratory, Frascati, Italy, 15/5/92.
- 77. "Superstring Black Hole Physics," University of Milan, Italy, 9/11/92.
- 78. "Stringy Universe: High T_C Superconductor or Quantum Hall Conductor?" TAMU Colloquium, 10/22/92.
- 79. "Probing the Origin of Space and Time," Caltech, 10/27/92.
- 80. "Probing the Origin of Space and Time," University of Southern California (USC), 10/28/92.
- 81. "Probing the Origin of Space and Time," TAMU, 11/6/92.
- 82. "String Theory Modifies Quantum Mechanics: Good or Bad?", University of Salonica, Salonica, Greece, 12/21/92.
- 83. "String Theory Modifies Quantum Mechanics," Rockefeller University, 2/11/93.
- 84. "SUSY Excursions," University of Padova, Italy, 6/16/93.
- 85. "String Theory and Quantum Mechanics," University of Bern, Switzerland, 6/23/93.
- 86. "Superstrings Modify Quantum Mechanics," University of Athens, Greece, 12/20/93.
- 87. "As Time Goes By...," Rockefeller University, N.Y., 2/1/94.
- 88. "As Time Goes By...," Colloquium, HARC 2/11/94.
- 89. "Theory of Everything (TOE): Alchemy or Reality?," Colloquium, Louisiana State University (LSU), 3/24/94.
- 90. "As Time Goes By...," Texas A&M University, April 4, 1994.
- 91. "Supersymmetry," University of Sao Paulo, Brazil, 10/10/1994.
- 92. "As Time Goes By...," University of Paris, Orsay, France, 12/12/1994.
- 93. "Quantum Theory of Brain and String Theory," University of Athens, Greece, 12/21/1994.
- 94. "Unification and Supergravity," Colloquium, Rice University, Houston, 2/8/1995.
- 95. "Quantum Theory of Brain and String Theory," Colloquium, HARC, 2/10/1995.
- 96. "Quantum Theory of Brain and String Theory," Colloquium, TAMU, 2/16/1995.
- 97. "Unification and No-Scale Supergravity," TAMU, 3/28/1995.
- 98. "Observable Violations of Quantum Mechanics and of CPT-Invariance, in the $K^o-\overline{K}^o$ System," "Democritos" Nuclear Research Center, Athens, Greece, 6/5/95.
- 99. "A New Proposal for a Possible Quantum Function of the Brain Based on Superstrings," Colloquium, "Democritos" Nuclear Research Center, Athens, Greece, 6/8/95.
- 100 "Flipped SU(5) '95," TAMU, 10/31/95.
- 101. "Flipped SU(5) '95," CERN Colloquium, 11/8/95.

- 102. "Flipped SU(5): A GUST Prototype," "Democritos" Nuclear Research Center, Athens, Greece, 12/8/95.
- 103. Microtubules: The Neuronic System of the Neurons," Nuclear Research Center, Athens, Greece, 12/20/95.
- 104. "Microtubules," Baylor College of Medicine, Houston, TX, 1/17/96.
- 105. "Quantum Decoherence and a Microscopic Arrow of Time in String Theory," TAMU Math Dept. 2/27/96.
- 106. "CPT (non?) Invariance Tests at CP-LEAR, UCLA, 3/12/96.
- 107. "New developments on Brain function", Colloq. Onassion Center, Athens, Greece 4/1/96.
- 108. "Flipped SU(5)," Univ. of Athens, Greece, 4/5/96.
- 109. "Non-critical Strings, CPT (non?) Invariance and CP-LEAR", Ecole Polytechnique, Paris, France, 5/9/96.
- 110. "The Universe, Big and Small", Onassion Center, Athens, Greece, 6/10/96.
- 111. "Physics in Collision", University of Athens, Greece, 6/13/96.
- 112. "Microworld at 2000 A.D."Collog. Onassion Center, Athens, Greece, 7/22/96.
- 113. "The Superworld," Colloquium, Florida State University, Tallahassee, FL, 11/14/96.
- 114. "Radiative Decay Signatures of Supersymmetry: Enlightening Supergravity," Colloq., TAMU, 11/21/96.
- 115. "Radiative Decay Signatures of Supersymmetry: Enlightening Supergravity," College de France, Paris, France, 12/19/96.
- 116. "Radiative Decay Signatures of Supersymmetry: Enlightening Supergravity," University of Athens, Greece, 12/18/96.
- 117. "New Quantum Mechanics", University lecture, University of Athens, Greece, 3/7/97.
- 118. "Status of Unified Theories", University of Patra, Patra, Greece, 3/19/97.
- "Modern views of Quantum Mechanics with applications of to Brain function", University lecture, University of Patra, Patra, Greece, 3/19/97.
- 120. "Microtubules and Alzheimer's Disease", Academy of Athens, Athens, 5/8/97.
- 121. "Brain function and Microtubules", Psychiatric Clinic, University of Zurich, Switzerland, 5/27/97.
- 122. "M-Phenomenology", Nat. Techn. University, Athens, Greece, 5/27/97.
- 123. "M-Phenomenology", Texas A&M University, 9/29/97.
- 124. "From the Structure of the Universe to the Labyrinth of the Brain", Inaugural talk, Academy of Athens, Athens, Greece, 12/16/97.
- 125. "Black Holes and Quantum Mechanics: End of Certainty," Colloquium, University of Athens, Greece, 1/8/98.
- 126. "Quantum Mechanical Aspects of Microtubules," Division of Neuroscience, Baylor College of Medicine, Houston, Texas, 2/25/98.

- 127. "Non-Vanishing Cosmological Constant," Academy of Athens, Greece, 3/12/98.
- 128. "Cryptons, A Stringy Form of Dark Matter," Academy of Athens, Greece, 5/14/98.
- 129. "Modern Views on the Structure of Matter," Colloquium, University of Pireus, Greece, 5/16/98.
- 130. Cryptons: A New Form of Dark Matter," Colloquium, University of Solonica, Greece, 5/20/98.
- 131. "From the Invisible to the Observable," Colloquium, Institute of Mechanics, Penteli, Greece, 6/1/98.
- 132. "On the Origins of the Universe," Colloquium, Belonion Center, Santorina, Greece, 8/10/98.
- 133. "Neutrino Masses: From Super-Kamiokande to Superstrings, "Texas A&M University, 10/12/98.
- 134. "Neutrino Masses: From Super-Kamiokande to Superstrings," University of Athens, Greece, 11/3/98.
- 135. "Cryptons: A Stringy Form of Decaying Superheavy Dark Matter, as a Source of the Ultra High Energy Cosmic Rays," National Observatory of Athens, Greece, 11/9/98.
- 136. "Modern Cosmogony," Fulbright Lecture, Athens, Greece, 12/8/98.
- 137. "From Massive Neutrinos to the Theory of Everything," Academy of Athens, Greece, 12/10/98.
- 138. "Big Bang and the Brain," Colloquium, University of Patras, Greece, 12/16/98.
- 139. "Homo Quanticum," Ideo Theatron, Athens, Greece, 1/6/99.
- 140. "Physics and Brain," Colloquium, Evagelismos Hospital, Athens, Greece, 3/9/99.
- 141. "Quantum Physics and Brain Function," Colloquium, Aiginition Hospital, Athens, Greece, 3/11/99.
- 142. "Modern Cosmology," Areteion Hospital, Athens, Greece, 3/18/99.
- "On the Constancy of the Velocity of Light in the Vacuum," Academy of Athens, Athens, Greece, 5/27/99.
- "Microtubules, Memory and Altzheimer Disease," Medical School, University of Geneva, Geneva, Switzerland, 6/4/99.
- 145. "Search for Quantum Gravity," Institute of Nuclear and Particle Physics, "Democritos", Athens, Greece, 6/29/99.
- 146. "Brain," Belonia Foundation, Santorini, Greece, 8/16/99.
- 147. "Quantum Gravity and the Constancy of the Velocity of Light," Colloquium, Texas A&M University, 9/9/99.
- 148. "Neural Engram: Towards a Molecular Model of Memory," Academy of Athens, Athens, Greece, 12/9/99.
- 149. "From Molecules to Brain," Henry Dynan Institute, Athens, Greece, 3/8/00.
- 150. "Memory Development," Cultur. Center, Psyhiko, Greece, 3/10/00.
- 151. "Man and the Universe," Democrition University of Thrace, Greece, 3/17/00.
- 152. "For a Place in the Universe," American Union, Athens, Greece, 5/11/00.

- 153. "Brain Function and Modern Physics," Keynote Speech at Zappion Megeron, Athens, Greece, 6/26/00.
- 154. "Probing Quantum Space-Time Foam," Colloquium, UT-Dallas, Dallas, TX, 9/28/00.
- 155. "Probing Quantum Space-Time Foam," University of Athens, Athens, Greece, 11/7/00.
- 156. "Quantum Brain?", "HYGEIA" Center, Athens, Greece, 11/9/00.
- 157. "Microtubules and Anesthetics," Henry Dynan Institute, Athens, Greece, 11/11/00.
- 158. "Brain Functions: A Modern View," NIMITS, Athens, Greece, 12/7/00.
- 159. "Cosmology '2000," Military Academy, Athens, Greece, 12/14/00.
- 160. "Brain Function and Modern Physics," Econom. University, Athens, Greece, 12/18/00.
- 161. "Probing Quantum Space-Time Foam," Colloquium, Texas A&M University, 2/8/01.
- 162. "Brain Dynamics," Teleconference lecture to the "Democritos University," Thrace, Greece, 2/22/01.
- 163. "Anonalous Magnetic Moment of the Muon and Supersymmetry," "Democritos", Nucl. Research Center, Athens, Greece, 3/9/01.
- 164. "Quantum Brain," Greek Psychology Society, Athens, Greece, 3/10/01.
- 165. "Neural Circuits," "Democritos University," Thrace, Alexandropolis, Greece, 3/12/01.
- 166. "Cosmos '01," Greek Astronomy Society, Agrinion, Greece.
- 167. "SUSY Astro-Phenomenology," CERN Colloquium, Geneva, Switzerland, 6/20/01.
- 168. "SUSY Astro-Phenomenology," Texas A&M University, 10/16/01.
- 169. "Cosmos '01," Greek Ionian Society, Athens, Greece, 12/10/01.
- 170. "Supersymmetric Astrophenomenology", Southern Methodist University, Dallas, TX, February 2002.
- 171. "Modern Cosmogony", Public Lecture, organized by the Greek Consulate, Geneva, Switzerland, March 2002.
- 172. "The Brain", Public Lecture, organized by the CITIBANK Group, Athens, Greece, March 2002.
- 173. "Modern Physics, Probabilities and Statistics", series of lectures at the Economic University of Athens, Athens, Greece, May 2002.
- 174. "Stochastic Universe", Economic University of Athens, Athens, Greece, June 2002.
- 175. "Protons are not for ever", Texas A&M University, October 2002.
- 176. "F-enomenology", University of Athens, Athens, Greece, December 2002.
- 177. "The Search for Supersymmetry", The Maxwell Lecture, King's College, London, England, January 2003.
- 178. "Quantum Brain Tests?", King's College, London, England, January 2003.
- 179. "Brain Function, Microtubles and Quantum Physics", Colloquium, University of Houston, February 2003.

- 180. "Universe '03", Houston Advanced Research Center (HARC), March 2003.
- 181. "Physics Today", Public Lecture I, Anatolia, The American College of Salonica, Salonica, Greece, March 2003.
- 182. "Brain Functions and Quantum Mechanics", Public Lecture II, Anatolia, The American College of Salonica, Salonica, Greece, March 2003.
- 183. "The Universe Today", Public Lecture, Alexandroupolis, Greece, April 2003.
- 184. "The Wondrous Universe", Public Lecture, New York College, Athens, Greece, May 2003.
- 185. "In Quest of the Origins of the Universe", Public Lecture, Academy of Athens, Athens, Greece, May 2003.
- 186. "WMAPing out SUSY Dark Matter and Proton Decay", Colloquium in Department of Physics, University of Salonica, Salonica, Greece, May 2003.
- 187. "Brain Functions and Quantum Physics", Seminar in Department of Physics, University of Salonica, Salonica, Greece, May 2003.
- 188. "Graduate Studies and Globalization", Invited talk in New York College, Athens, Greece, June 2003.
- 189. Commencement Ceremony talk at the New York University, Prague, Czech Republic, June 2003.
- 190. New York College Commencement Ceremony Keynote Speaker, Athens, Greece, June 2003.
- 191. "WMAPing the Universe: Supersymmetry, Dark Matter, Dark Energy, Proton Decay and Collider Physics", Colloquium, Texas A&M University, September 2003.
- 192. "Science and Society", American College of Greece, Athens, Greece, October 2003.
- 193. "Science and Society", French College of Greece, Piraeus, Greece, December 2003.
- 194. "Creating the Future", Conference Center, Kalamata, Greece, December 2003.
- 195. "Language, Civilization and National Survival", Cyprus College, Nicosia, Cyprus, December 2003.
- 196. "Science and the New Renaissance", Public lecture, New York College, Athens, Greece, January 2004.
- 197. "Deep in the Brain", Public talk at Kyparissia, Greece, May 2004.
- 198. "WMAP, Dark Matter/Energy, Supersymmetry and Proton Decay", Colloquium at the Department of Physics, University of Athens, Athens, Greece, June 2004.
- 199. "The Wondrous New Universe", Public lecture, City Hall, Nauplion, Greece, June 2004.
- 200. "Physics and Environment", Public lecture in the "Round Table Discussion on Global Warming", Athens, Greece, June 2004.
- 201. "Education in the Era of Globalization", Public lecture, University of New York/University of Tirana, Albania, June 2004.
- 202. "The Arrow of Time", Pantion University, Athens, Greece, June 2004.
- 203. New York College Commencement Ceremony Keynote Speaker, Athens, Greece, July 2004.

- 204. Commencement Ceremony Keynote talk at the French College "Kalamari", Thessaloniki, Greece, July 2004.
- 205. "On the Origin of the Big Bang", Texas A&M University, November 2004.
- 206. "Towards a New Research Framework in the 21st Century", Public lecture at the Rotary Club, Kifissia, Greece, March 2005.
- 207. "Modern Cosmogony", Public lecture at the Saint-Paul College, Piraeus, Greece, May 2005.
- 208. "Science and Modern Education", Public lecture at Chania, Greece, May 2005.
- 209. "Science and Art", Public lecture at the Eugenidion Planetarium, Athens, Greece, June 2005.
- 210. "Science and Democracy", Public lecture at the Byzantine Museum, Athens, Greece, July 2005.
- 211. "Modern Cosmogony", Public lecture, Drama, Greece, October 2005.
- 212. "Modern Cosmogony", Public lecture at Nea Erythrea, Greece, November 2005.
- 213. "The Microcosmos of the Brain", Public lecture at the Metropolitan Hospital, Piraeus, Greece,
 December 2005.
- 214. "Modern Cosmogony", Public lecture at Arta, Greece, December 2005.
- 215. "D-brane Model Building and Flipped SU(5), Rutgers University, New Jersey, February 2006.
- 216. "Modern Research", National Technical University, Athens, Greece, March 2006.
- 217. "From Micro to Macro Cosmos" National Military School, Athens, Greece, March 2006.
- 218. "Modern Cosmogony", Public lecture at the Advanced Technical University, Lamia, Greece, March 2006.
- 219. "Modern Cosmogony", Public lecture at the Advanced Technical University, Iraclion, Crete, Greece, May 2006.
- 220. "Modern Cosmogony", Public lecture at the Society of the American Universities graduates, Salonica, Greece, June 2006.
- 221. "Brain's Microcomos", Graduate course lecture at the "HIPPOCRATES" Medical School, Athens, Greece, December 2006.
- 222. "Brain's Microcosm", Public lecture, Municipal Theater, Corfu, Greece, March 2007.
- 223. "Brain's Microcosm", Public lecture, Neurosciences Center, Salonica, Greece, April 2007.
- 224. "Recent Developments in Cosmology", Public lecture, Open University, Patra, Greece, May 2007.
- 225. "Modern Cosmogony", Colloquium, Department of Philosophy, University of Athens, Athens, Greece, June 2007.
- 226. "Modern Cosmogony", Public lecture, University of Patra, Patra, Greece, June 2007.
- 227. "Physics and the Environment", Public lecture, Ecologists Movement, Athens, Greece, October 2007.
- 228. "Moden Cosmogony", Public lecture, in the ceremony in my honor, "Honorary Citizen" of Larisa, Larisa, Greece, October 2007.

- 229. "Modern Cosmogony", Public lecture, Hippocration Hospital Series of Distinguished Lectures, Athens, Greece, November 2007.
- 230. "Modern Cosmogony and the Velocity of Light (c)", Public lecture, Municipal Theater, Tripoli, Greece, December 2007.
- 231. "Modern Cosmogony and the Velocity of Light (c)", Physics Union Students, University of Athens, Athens, Greece, December 2007.
- 232. "Modern Cosmogony and the Velocity of Light", Laskarides Foundation, Piraeus, Greece, 1/9/08.
- 233. "Technological Challenges in 2020", HARC seminar, The Woodlands, TX, 4/21/08.
- 234. "Fundamentals of Modern Cosmology", a series of Five Colloquia at the Free University of Athens, Greece, 5/14/08; 5/21/08; 5/23/08; 6/4/08; 6/13/08.
- 235. "Modern Cosmogony", Colloquium at the Athens Planetarium in honor of the visiting "Texas A&M Century Singers", Athens, Greece, 5/16/08.
- 236. "The MAGIC of C", Colloquium at the National Centre of Scientific Research "DEMOKRITOS, Athens, Greece, 7/15/08.
- 237. "Supergravity and String Signatures of the One-Parameter Model of the LHC", seminar at TAMU, 9/25/08
- 238. "LHC: what is expected?", Colloquium at the Leontios College, Nea Smyrni, Attica, Greece, 12/1/08
- 239. "LHC-ology", Colloquium, Geitonas College, Athens, Greece, 3/16/09
- 240. "Modern Cosmogony", Colloquium, Eugenides Foundation, Athens, Greece, 5/5/09
- 241. "LHC-ology", Colloquium, Technological Education Institute of Kavala, Kavala, Greece, 5/20/09
- 242. "F-ast Proton decay", Seminar, "Demokritos" Nuclear Research Center, Athens, Greece, 10/12/09
- 243. Five lectures at the "Free University" of Athens, on "Modern Cosmogony and the LHC", Athens, Greece, 5/11/2010; 5/25/2010; 6/1/2010; 6/8/2010; 6/22/2010
- 244. "Dark Matter and the LHC", invited lecture at the Eugenides Foundation, Athens, Greece, 10/18/2010
- 245. "Mathematics and Linguistics", lecture at the "Book Arcade", Athens, Greece, 11/29/2010
- 246. "From Gosmogony to Glossogony", lecture at the "The Athens Concert Hall", Athens, Greece, 12/8/10
- 247. "Exploring the No-scale Supergravity landscape at LHC: a rather unique SUSY Spectrum?", Seminar at the ATLAS group of LHC, CERN, Geneva, Switzerland, 12/14/2010
- 248. "Testing No-Scale Supergravity at LHC: a Goldilocks sampling?", seminar at the CMS group of LHC, CERN, Geneva, Switzerland, 12/15/2010
- 249. "Multiverse and the LHC", lecture at the Onassis Cultural Centre-Athens, Greece, 3/11/2011

- 250. "From Cosmogony to Glossogony", lecture at the Cultural Center, Heraclion, Crete, Greece, 3/14/2011
- 251. "University and Society", lecture at the Old Parliament, Nafplion, Greece, 5/9/2011
- 252. "Multiverse and the LHC", lecture at the Cultural Center, Kifisia, Greece, 5/10/2011
- 253. "Humanities and Science", lecture at the Onassis Cultural Centre-Athens, Greece, 11/28/2011
- 254. "Multiverse and the LHC", lecture, University of Geneva, Geneva, Switzerland, 12/11/2011
- 255. "Physics", lecture at the Protype Lyceum, Vari, Greece, 12/15/2011
- 256. "The Amazing Higgs particle", Public lecture at the Onassis Cultural Centre-Athens, Greece, 3/20/12
- 257. "Crisis and opportunity in Greece", Public lecture, Old Parliament, Athens, Greece, 3/21/12
- 258. "On Art and Science", Public lecture, Eugenides Foundation, Athens, Greece, 3/22/12
- 259. "The Amazing Higgs Particle", Colloquium, Department of Physics, Sam Houston State University, Huntsville, Texas, 11/14/12
- 260. "The Higgs Particle", Lecture, Greek-American Union, Athens, Greece, 12/5/12
- 261. "The Higgs Particle", Lecture, Eugenides Foundation, Athens, Greece, 12/7/12
- 262. "The Brave New World of Higgs", Colloquium, Military Academy of Greece, Athens, Greece, 1/11/2013
- 263. "The Brave New World of Higgs", Colloquium, American College of Athens, Athens, Greece, 3/13/2013
- 264. The Brave New World of Higgs", Colloquium, Anagnostic Society of Corfu, Corfu, Greece, 5/11/2013.
- 265. Five Lectures on Particle Physics, Cosmology and the Higgs Particle, Free University of Athens, 5/22; 6/4; 6/5; 6/11; 6/12/2013
- 266. "Hunting the Higgs", talk delivered at H. Schussler's 80th Birthday Fest, Cook's Branch Texas, 11/1/2013
- 267. "On the Higgs Particle", talk at the Mason Society of Greece, Athens, Greece, 12/7/2013
- 268. "The New Brave Universe", Colloquium of the Ziridis College, Athens, Greece, 12/19/2013.
- 269. Invited talk: "Modern Cosmogony", Lyceum of Philothei, on the ceremony dedicating a science laboratory to my name, Athens, Greece, 3/11/2014
- 270. Invited talk, "High Energy Physics", International Hill School, Athens, Greece, 3/14/2014
- 271. Public lecture: "Echoes from the Big Bang", European Consulates of Houston Meeting, Houston, TX, 4/10/2014
- 272. Opening talk: "The Higgs Particle", Eugenides Foundation, 60th CERN Anniversary Exhibition, Athens, Greece, 5/5/2014
- 273. Invited talk, "Echoes form the Big Bang", Academy of Athens, Athens, Greece, 5/13/2014
- 274. Invited talk, "Echoes from the Big Bang", Masonic Lodge in Salonica, Greece, 6/1/2014

- 275. Invited talk, "Echoes from the Big Bang", Open University, Chania, Greece, 8/3/2014
- 276. Invited talk (via Skype), at the International Schools Meeting of the European Union, Brussels, Belgium, 10/10/2014
- 277. Academy of Athens, Opening Talk: "A No-scale framework for Sub-Planckian Physics", Athens, Greece, 1/3/2015
- 278. Democritus University of Thrace, Invited Talk: "In the Beginning...", Alexandroupolis, Greece, 5/16/2015
- 279. Free University of Athens, "Five (5) Lectures on Cosmology and Particle Physics", Athens, Greece, 5/13/2015, 5/20/2015, 5/27/2015, 6/3/2015, and 6/10/2015
- 280. Academy of Athens, Talk: "In the Beginning...", Athens, Greece, 6/12/2015
- 281. Spetses Bouboulina Foundation, Invited Talk: "In the Beginning...", Spetses, Greece, 7/31/2015
- 282. Military Academy of Greece, Invited Talk: "How the LHC results may change Modern Physics", Athens, Greece, 11/16/2015
- 283. Erasmios School, Invited Talk: "Physics", Athens, Greece, 12/15/2015
- 284. University of loannina, on the occasion of getting a Honorary Professorship, Invited Talk: "Breaking the Information Code of Stringy Black Holes", Ioannina Greece, 12/18/2015
- 285. Academy of Athens, The President's talk: "Breaking the Information Code of Stringy Black Holes", Athens, Greece, 12/22/2015.
- 286. Department of Physics, University of Athens, Colloquium: Breaking the Information Code of Stingy Black Holes", Athens, Greece, January 13, 2016.
- 287. Lamia Telescope Observatory, Colloquium: "Cosmic Chirping", Lamia, Greece, May 15 2016.
- 288. Aristotle College, Colloquium: "Quo Vadis?", Salonica, Greece, June 13, 2016.
- 289. I.M.Panagiotopoulos College, Colloquium: "Quo Vadis?", Athens, Greece, June 30, 2016.
- 290. Evgenidis Foundation, Greek Physical Society, Colloquium: "Cosmic Chirping", Athens, Greece, December 2, 2016.
- 291. Onassis Library, Colloquium: "From the Enlightenment to the Enphotonment", Athens, Greece, December 8, 2016.
- 292. "Cosmic Symphony" Colloquium, University of Nebraska, Omaha, February 10, 2017.
- 293. "How physics may change your life" Colloquium, Anatolia American College, Salonica, Greece, May 5, 2017.
- 294. "On the Third Rock form the Sun" Seminar, Rhodos Physical Society, Rhodos, Greece, June 10, 2017.
- 295. "On the mechanism of Antikythira" Seminar, Eugenides Foundation, Athens, Greece, June 13, 2017.
- 296. "Science in our times" Seminar, Acropolis Museum, Athens, Greece, July 3, 2017.
- 297. "Cosmic Symphony" Seminar, Ludwig-Maximilians-Universität, Munich, Germany, October 10, 2017.
- 298. "Albert Camus, the Quantum Myth of Sisyphus and the Multiverse" Seminar, Public, Foundation, Athens, Greece, November 14, 2017.
- 299. "Starobinsky-like Flipped No-scale Inflation" Seminar, National and Kapodistrian University of Athens, Athens, Greece, November 28, 2017.
- 300. "Starobinsky-like Flipped No-scale Inflation" Seminar, Academy of Athens, Department of Astronomy and Applied Mathematics, Athens, Greece, December 5, 2017.
- 301. "Model of EveryThing (MOET)" Seminar, National and Kapodistrian University of Athens, Department of Physics, Athens, Greece, December 22, 2017.
- 302. "On the Third Rock form the Sun" Seminar, Free University, Athens, Greece, May 23, 25; June 6, 10, 13, 2017. Note: 5 lectures
- 303. "Model of Every-Thing" or "MOET", Seminar, TAMU, 4/10/2018.
- "Cosmology and Phenomenology of the Superstring derived No-Scale Flipped SU(5)", Seminar at the National Observatory of Athens, Greece, 10/5/2022