



ΕΝΩΣΗ ΕΠΙΣΤΗΜΟΝΙΚΟΥ ΠΡΟΣΩΠΙΚΟΥ
ΝΟΣΟΚΟΜΕΙΟΥ «Ο ΕΥΑΓΓΕΛΙΣΜΟΣ» (Ε.Ε.Π.Ν.Ε.)

27^ο Ετήσιο Σεμινάριο Συνεχιζόμενης Ιατρικής Εκπαίδευσης Νοσοκομείου «Ο Ευαγγελισμός»

1884

1934

2014



Υπό την Αιγίδη της
ΙΑΤΡΙΚΗΣ ΕΤΑΙΡΕΙΑΣ ΑΘΗΝΩΝ



ΕΝΩΣΗ ΕΠΙΣΤΗΜΟΝΙΚΟΥ ΠΡΟΣΩΠΙΚΟΥ
Γ.Ν.Α. «Ο ΕΥΑΓΓΕΛΙΣΜΟΣ» (Ε.Ε.Π.Ν.Ε.)

ΕΤΗΣΙΟ ΣΕΜΙΝΑΡΙΟ ΣΥΝΕΧΙΖΟΜΕΝΗΣ ΙΑΤΡΙΚΗΣ ΕΚΠΑΙΔΕΥΣΗΣ ΝΟΣΟΚΟΜΕΙΟΥ «Ο ΕΥΑΓΓΕΛΙΣΜΟΣ»



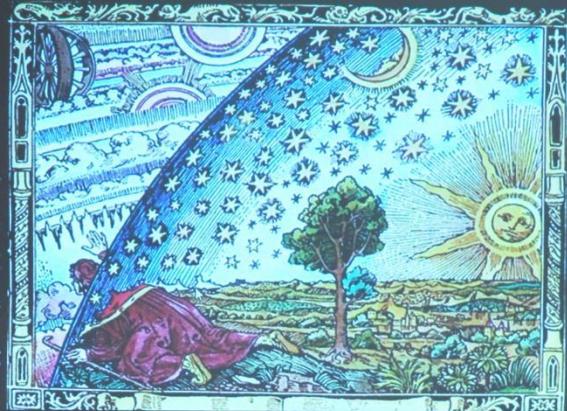








On the Origin of the Physical Laws

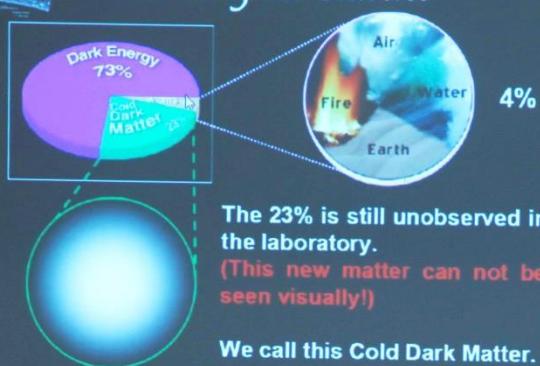


Dimitri V. Nanopoulos
Texas A&M University
Houston Advanced Research Center
Academy of Athens



Δημήτριος Νανόπουλος

Contents of the Universe



The Standard Model

- Quarks and leptons are the most fundamental particles of nature that we know about.
- Up & down quarks and electrons are the constituents of ordinary matter.
- The other quarks and leptons can be produced in cosmic ray showers or in high energy particle accelerators.
- Each particle has a corresponding antiparticle.

ELEMENTARY PARTICLES

Three Generations of Matter

I II III

Strangeness Charm Top Bottom Up Down Electron Muon Tau Neutrino Gluon W boson Z boson Photon G

Force Carriers

A video call interface is visible on the right side of the screen.

The Four Fundamental Forces

1. Gravity

2. Weak Force

3. Electromagnetic force

4. Strong Force

Stronger Weaker

Gravity Electromagnetic Strong Weak

Doesn't that look like George W.?

All other forces you know about can be attributed to one of these!

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