

Abstract Submitted
for the APR14 Meeting of
The American Physical Society

An Integrated Theory of Everything (TOE) ANTONIO COLELLA¹,
Retired — An Integrated TOE unifies all known physical phenomena from the Planck cube to the Super Universe (multiverse). Each matter/force particle is represented by a Planck cube string. Any Super Universe object is a volume of contiguous Planck cubes. Super force Planck cube string singularities existed at the start of all universes. An Integrated TOE foundations are twenty independent existing theories and without sacrificing their integrities, are replaced by twenty interrelated amplified theories. Amplifications of Higgs force theory are key to an Integrated TOE and include: 64 supersymmetric Higgs particles; super force condensations to 17 matter particles/associated Higgs forces; spontaneous symmetry breaking is bidirectional; and the sum of 8 permanent Higgs force energies is dark energy. Stellar black hole theory was amplified to include a quark star (matter) with mass, volume, near zero temperature, and maximum entropy. A black hole (energy) has energy, minimal volume (singularity), near infinite temperature, and minimum entropy. Our precursor universe's super supermassive quark star (matter) evaporated to a super supermassive black hole (energy). This transferred total conserved energy/mass and transformed entropy from maximum to minimum.

¹Integrated Theory
of Everything Book Video: <https://www.youtube.com/watch?v=4a1c9IvdoGY> Re-
search Article Video: <http://www.youtube.com/watch?v=CD-QoLeVbSY> Research
Article: <http://toncolella.files.wordpress.com/2012/07/m080112.pdf>

Antonio Colella
Retired

Date submitted: 19 Dec 2013

Electronic form version 1.4