

A comprehensive two hour Two-Step Integrated Theory of Everything (TOE)
Revision A Video Presentation is available as the first video of my home page
www.antonioacolella.com or:
<https://youtu.be/lNeDb7THpQQ>

Abstract Submitted
for the APR17 Meeting of
The American Physical Society

A Two-Step Integrated Theory of Everything (TOE) ANTONIO COLELLA, IBM — Two opposing TOE visions are my Two-Step (physics/math) and Hawking's single math step. My Two-Step should replace the single step because of the latter's near zero results after a century of attempts. My physics step had 3 goals. First "Everything" was defined as 20 interrelated amplified theories (e.g. string, Higgs forces, spontaneous symmetry breaking, particle decays, dark matter, dark energy, stellar black holes) and their intimate physical interrelationships. Amplifications of Higgs forces theory (e.g. matter particles and their associated Higgs forces were one and inseparable, spontaneous symmetry breaking was bidirectional and caused by high temperatures not Higgs forces, and sum of 8 Higgs forces of 8 permanent matter particles was dark energy) were key to my Two-Step TOE. The second goal answered all outstanding physics questions: what were Higgs forces, dark energy, dark matter, stellar black holes, our universe's creation, etc.? The third goal provided correct inputs for the two part second math step, an E8 Lie algebra for particles and an N-body cosmology simulation (work in progress). Scientific advancement occurs only if the two opposing TOEs are openly discussed/debated.

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Date submitted: 07 Oct 2016

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