

Abstract Submitted  
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**Everything from nearly ‘Nothing’ A Topologically Substructured Spin-dominated Superstring Concept and its Universal Physical and Cosmological Implications** PAUL W. BUECKING — The present concept of a string is too simple. It does not have the necessary level of complexity needed to express the ‘Everything’. On string level no defined unique structure exists that inherently can make the world the way it is in a self-consistent way. The idea of a vacuum deflates string theory. In the new concept (NC) a superstring (SS) is the most elementary *structure with functionality*. It consists of more basic substructural entities that do not have, but enable functionality. In the NC these entities are anti-commuting spacetime topologies. Their emergence in primordial spacetime breaks its isotropic hydrodynamic symmetry. By quantization of three plane simply connected cobording topologies and their compactification to three-layered toric SS with spin functionality, globally an entagled SS-fluid is restored. Its constituents are mutually repulsing ( $\rightarrow \Lambda$ ) dark SS stem particles in a supersymmetric state. Breaking of this symmetry generates all particles of physics. This diversification decouples physics, taking place in spacetime, from its broken topology. All particle decays and changes of flavors include the conservation of this symmetry. The NC seems to solve many enigmas and finds explanations for the ‘Why’. By this it reveals the awe-inspiring genius of nature in its fundamental aspiration to conserve symmetries.

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