Abstract Submitted for the HAW09 Meeting of The American Physical Society

Thirty Unsolved Problems in the Physics of Elementary Particles V. CHRISTIANTO, People's Friendship University of Russia, FLORENTIN SMARANDACHE, University of New Mexico, Gallup Campus — Unlike what some physicists and graduate students used to think, that physics science has come to the point that the only improvement needed is merely like adding more numbers in decimal place for the masses of elementary particles or gravitational constant, there is a number of unsolved problems in this field that may require that the whole theory shall be reassessed. In the present article we discuss thirty of those unsolved problems and their likely implications. In the first section we will discuss some well-known problems in cosmology and particle physics, and then other unsolved problems will be discussed in next section.

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Date submitted: 21 Apr 2009

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