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Author: Prof. Gabriel G. De la Torre  
University of Cádiz, Spain, gabriel.delatorre@uca.es

DARK MATTER VS GREY MATTER AND THE SEARCH OF NON-TERRESTRIAL INTELLIGENCE  
(NTI) TECHNO-SIGNATURES. THE SERENDIPITOUS CASE OF OCCATOR IN CERES.

**Abstract**

In this article we discuss the role of new physics including dark matter in the search for life and non terrestrial intelligence (NTI) as well as the change of paradigms that this may suppose. We propose that consciousness is the key aspect in the search of NTI and we explain how this is biased by our neurobiological and sociological structure. We review results from empirical study performed with volunteers in a perception task based on cognitive profiles (intuitive vs reflexive). As an example of stimuli employed in this previous research, we present on this paper the case of an anomaly in Occator crater (Vinalia Faculae) in Ceres where we can perceive some very unusual geometrical structures and we preliminary analyse this to try to understand if it may suppose a case of misperception or something else. We propose this structure as an interesting candidate for possible NTI techno-signature further deep analysis. We discuss how the search for techno-signatures may be influenced by our neurocognitive skills and consciousness. The search of NTI signs by fixed and unique strategy may prevent us to acknowledge other types of intelligent signs due to inattentive blindness phenomena as it is known in Cognitive Psychology. This article also discusses how cognitive unintentional bias may affect SETI and we propose three different factors to explain current NTI silence in this framework.