

# Our Electromagnetic Universe (Expanded republication PI)

André Michaud

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## Abstract:

Hypothesis of the progressive establishment and growth of the Universe, strictly from electromagnetic considerations, as suggested by Einstein towards the end of his life. Discussion of the conflicting relations observed between the various current black holes and Big Bang theories. Discussion of the possibility of a progressive adiabatic energy increase in the universe from a hypothetical zero energy level in vacuum at the beginning of the universe, as an alternate solution to the Quantum Field Theory (QFT) postulated stable conservative zero-point energy level in vacuum. Proposal of an alternate process for the origin of the Universe grounded on an expanded space geometry emerging from Maxwell's initial interpretation of the relation between the electric and magnetic **E** and **B** fields, leading to a new perspective on the objective and subjective aspects of the time dimension.

**Keywords:** Photon, electron, positron, electromagnetic energy, space, time.

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An expanded version of the same article was republished upon invitation in 2021 as a book chapter as an expanded final version under the title “*Our Electromagnetic Universe*” in book titled “*Newest Updates in Physical Science Research Vol. 12*” which is part of a collection that pre-selects papers deemed worthy of attention in the global offer, to make them more immediately available to the community.

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