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# Big Bang Galactic Civilization History Anthology

**introduction: from big bang to galactic civilizations** - introduction from big bang to galactic civilizations an introduction to big history barry rodrigue, leonid grinin and andrey korotayev a c h scientific s t u d y emerges in its own particular time and **galactic civilizations - profhugodegarisles.wordpress** - galactic civilization due to the "scale problem" i.e. the performance level of hyper intelligent creatures based on scale level "n", will be superior to creatures based on scale level "n-k" by a factor of a trillion to the kth power. this performance gap will create an unbridgeable communication gap due to the huge knowledge and intelligence differences between them. this essay is ... **expanding advanced civilizations in the universe** - intra-galactic expansion is the formation of human societies dedicated to the settlement of outer space over very extended periods of time. our limited knowledge of the long-term dynamics of human ... **the transcension hypothesis: sufficiently advanced ...** - system presently engaged in a life cycle ("big bang" birth, growth, maturity, replication, senescence, and eventual thermodynamic or other death), we may ask, which of its features are evolutionary, and which are developmental, **profiling 'threshold 9': using big history as a framework ...** - model for making sense of the entire past, leading from the big bang nearly 14 billion years ago to our present planet-wide information-based technological civilization ( e.g. **why are we in the universe? - radical software** - the big bang theory one of the principal insanities we have to overcome is the western belief that humanity has no future. western civilization was created by men who went against the prevailing winds on this planet ; its tradi-tional modus operandi has been the conquest of nature. western science, the supreme accomplishment of this tradition, has attempted to delineate and describe the ... **14 galactic-scale macro-engineering: looking for signs of ...** - big history is a powerful conceptual framework for making sense of the place of humankind in the universe - a narrative leading from the big bang nearly 14 billion years ago to our present information-based tech- **long futures and type iv civilizations - zero.eike** - what was the big bang, a question about the quantum theory of gravity, etc.). he supposed he supposed that people often asked the most fundamental questions fifty years before they found a **cosmic evolution - more than big history by another name** - history actually reached well back beyond the onset of civilization. broad, in-terdisciplinary explications of natural history have been researched and taught by natural philosophers since renaissance times, and the specific big-bang-to-humankind story of special interest to big historians has been championed in recent decades largely by cosmologists, who arguably think more broadly than ... **researching and teaching cosmic evolution** - big bang to humankind. this interdisciplinary scenario has the potential to unite the this interdisciplinary scenario has the potential to unite the physical, biological, and social sciences, thereby creating for people of all cultures at the **epj manuscript no. - arxiv** - to the big bang of the next is regarded as having occurred via an intermediate phase in which the material contents of the universe consists solely of what are, in e ect, massless particles satisfying a conformally invariant dynamics.

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