

PRESS RELEASE — Testable Unified Theory of Everything

Ricardo Maldonado presents a brane-world framework in which the early universe obeys a modified expansion law with a ρ^2 term and a dark-radiation component. One parameter (the brane tension λ) sets a gravitational-wave spectral break and correlates with ΔN_{eff} . The same λ must jointly fit pulsar-timing arrays (now) and LISA (next) while respecting CMB/BBN bounds—making the theory immediately falsifiable. The late-time/weak-field limit reduces to standard General Relativity.

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