

## Update December 2022

### A Hypothetical Pre-Fermion Particle Theory of Everything in Diagrammatic Form

This quarter has seen a continuation of the spreading of the knowledge that the pre-fermion hypothesis exists – as a form of a theory of everything.

As a result, there have been increasing requests for better clarity of the foundations. The result is the pre-print paper added to the website titled 'A Hypothetical Pre-Fermion Particle Theory of Everything in Diagrammatic Form'.

This paper shows in diagrams how the various stages of the formation of combinations occur. This starts from the adjusted-Planck volumes of the zero mass black holes, through partially merged meon/anti-meon pairs which are the relativistic background of the universe, to unmerged meons and anti-meons. These then chase to form loops, which in turn form hadrons and mesons with all the observed properties, when the loops are formed from three meon/anti-meon pairs.

The paper also shows diagrammatically how and why tunnels appear between entangled loops within which the background, with its resistance to motion, is excluded and travel is non-local.

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