



evolution of the cosmic dark matter in *space and time*. The centre of the circle marks *here and* now while the perimeter follows the horizon of the observable universe at the time of the Big Bang some 13.6 billion years ago. The lookback time is measured from the centre outwards in proportion to the radial distance. As we move from the horizon to the centre, the featureless early universe evolves into the filamentary patterns of the large-scale structure as gravity amplifies the primordial quantum density fluctuations imprinted during inflation.

generated from the Horizon Run - a 70 billion particle cosmological dark matter simulation. The wedge was rotated and reflected eight times to create this kaleidoscopic portrait of the evolving universe.