

Welcome To Laniakea: Our Supercluster Home In The Cosmos

Source: [nature video](#)

We are part of a galactic supercluster called Laniakea, which contains a hundred million billion stars, according to a new study. The discovery, reported in the journal [Nature](#), provides our most detailed cosmic address yet. Superclusters – regions of space that are densely packed with galaxies – are the biggest structures in the Universe. But scientists have struggled to define exactly where one supercluster ends and another begins. Now, a team based in Hawaii has come up with a new technique that maps the Universe according to the flow of galaxies across space. Redrawing the boundaries of the cosmic map, they redefine our home supercluster and name it Laniakea, which means ‘immeasurable heaven’ in Hawaiian.