

Invited talk

The Local Void

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The Milky Way sits next to a large void that has been poorly studied because it straddles the zone of obscuration in the direction toward the Galactic center. However the density structure of the universe can be reconstructed from the gradients of the peculiar motions galaxies as test particles. The required information has become quite detailed locally thanks to the measurement of tip of the red giant branch distances, which are embedded within the extensive Cosmicflows-3 program. A clear picture emerges of the Local Void.