

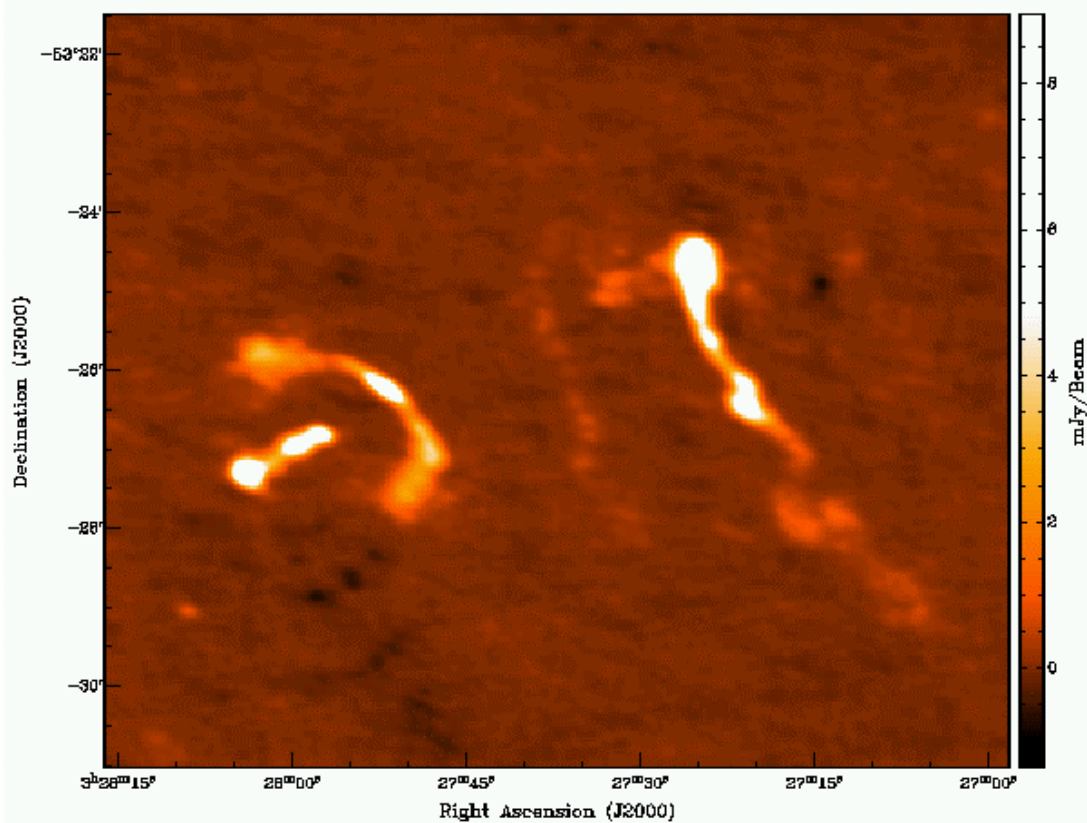
Physics & Astronomy Seminar

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Monday, March 13, 2006, 4:30pm
Willet Science Center 101

The Landscape of Cosmological Structures: from Prism Light to Galaxy Superclusters



We begin by discussing astronomical measurements of galaxy light, specifically the origin and interpretation of the optical spectroscopic redshift. Next, our discussion turns to how these measurements are used to infer the arrangement and interaction of megaparsec-scale structures in the observable Universe (e.g., clusters, filaments, and voids). Lastly, we highlight how these structures are not independent from the models of their formation and the environment in which they reside. Specific examples of such inference and arrangement are shown from the Horologium-Reticulum supercluster of galaxies, the second most dense region of its type in the nearby Universe.

Please join us for light refreshments at 4:15pm outside WSC 109.