

Publications: David H. Weinberg

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RECENT INVITED TALKS

- "The Lyman-alpha Forest and Galaxy Formation: Insights and Puzzles from Simulations and Observations."
Rencontres de Blois 2003, Blois, France, June 2003
- "The Nature of Dark Energy."
Planets to Cosmology: Essential Science in Hubble's Final Years, Baltimore, MD, May 2004
- "Dark Energy: Overview."
Wide Field Imaging From Space, Berkeley, CA, May 2004
- "What Can We Learn From Galaxy Clustering?"
205th American Astronomical Society Meeting, Plenary Talk, San Diego, CA, January 2005
- "Gas Accretion and Galaxy Formation: The SPH View."
Nearly Normal Galaxies in a Lambda-CDM Universe, Santa Cruz, CA, August 2005
- "The Invisible Universe: Dark Matter and Dark Energy." Public Lecture, University of Michigan Einstein Centennial program, September, 2005
- "Cosmology and Large Scale Structure."
Making the Most of the Great Observatories, Spitzer Science Center, Pasadena, CA, May 2006
- "Redshift-Space Distortions in the Sloan Digital Sky Survey."
Large Scale Structure in the Sloan Digital Sky Survey, special session at the June 2006 AAS meeting, Calgary
- "Sculpting the Universe." Public Lecture, Adler Planetarium, Chicago, IL, September 2006
- "SDSS-III: Dark Energy and Near-Field Cosmology." Great Lakes Cosmology Workshop IX, Pittsburgh, PA, June 2008
- "SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-Solar Planetary Systems." The Sloan Digital Sky Survey: Asteroids to Cosmology, Chicago, IL, August 2008

MISCELLANEOUS

“The Dark Matter Flowchart.”

T. Lauer, T. Statler, B. Ryden, D. Weinberg. 1986.

“Galaxy Formation!”

A board game. 1987.

“The Dark Matter Rap: A Cosmological History for the MTV Generation.”

Live performance and cassette recording. 1992.

See <http://www.astronomy.ohio-state.edu/dhw/Silliness/silliness.html>

Scientific and design consultant for “An End to Modernity,” a sculpture by Josiah McElheny, exhibited at the Wexner Center for the Arts (Columbus, OH, 10/05-2/06), the Andrea Rosen Gallery (New York, NY, 5/06). Now in the collection of the Tate Modern Gallery, London.

“A Space-to-Time Translation.”

D. H. Weinberg, in *Notes for a Sculpture and a Film*, ed. J. McElheny, published by Wexner Center for the Arts/The Ohio State University, 2006.

Scientific and design consultant for “The Last Scattering Surface,” a sculpture by Josiah McElheny, exhibited at the Donald Young Gallery (Chicago, 10/06-11/06), the Rochester Art Center (Rochester, 5/07-8/07), the Henry Art Gallery (Seattle, 4/08 - 8/08). Now in the collection of the Phoenix Art Museum.

Scientific and design consultant for “The End of the Dark Ages,” a sculpture by Josiah McElheny, exhibited at the Andrea Rosen Gallery (New York, 10/08-12/08).

Scientific and design consultant for “Island Universe,” a sculpture by Josiah McElheny, exhibited at the White Cube Gallery (London, 10/08-11/08).

Script consultant for “Dark Matter,” winner of the Alfred P. Sloan Prize at the 2007 Sundance Film Festival, recognizing “an outstanding feature film focusing on science or technology as a theme or depicting a scientist or mathematician as a major character.” (Film written by Billy Shebar, directed by Chen Shi-Zheng, starring Liu Ye, Aidan Quinn, and Meryl Streep.)

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