

### MIT Museum presents Stanley Greenberg: Time Machines

### Photography exhibition depicts the cutting edge of modern experimental physics

### Provides a glimpse at places and objects rarely seen

On view at the MIT Museum September 13, 2013 - March 30, 2014 in the Kurtz Gallery for Photography



Calorimeters and toroid magnets, ATLAS, Large Hadron Collider, CERN, Switzerland, 2006 Stanley Greenberg

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Cambridge, MA, August 15, 2013 -- The MIT Museum's Kurtz Gallery for Photography presents the exhibition <u>Stanley Greenberg: Time Machines</u> from September 13 - March 30, 2014 featuring 36 works that depict many of the most important experiments in modern physics.

New York-based photographer Stanley Greenberg has long entranced viewers with his stunning black-and-white photographs that provide unparalleled access to objects and places ordinary people might otherwise never see—from New York's century-old water system to the hidden



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infrastructure of some of the world's most impressive architectural works. In this exhibition, Greenberg turns his lens on the unfailingly strange world of nuclear and particle physics.

From Fermilab to neutrino hunting in Antarctica to ongoing attempts to re-create the conditions of the Big Bang using the world's largest atom smasher in Switzerland, Greenberg has over the course of five years traveled to—and photographed—many of the most important experiments in modern physics.

Greenberg is a self-described science nerd, and taking these photographs led him inside mountains, thousands of feet below ground into mine shafts, and miles above sea level in his quest to photograph some of the sophisticated equipment science has to offer. The results are breathtaking photographs in which hulking detectors and accelerators are revealed to be structurally interesting architectural artifacts. Through his work Greenberg takes readers deep into the world of muons, neutrinos, and quarks, a place where scientists mount ever-larger experiments in hopes of finding ever-smaller particles.

Stanley Greenberg' is the author of *Time Machines* (Hirmer Verlag, 2011), *Under Construction* (University of Chicago Press, 2010), *Waterworks: A Photographic Journey Through New York's Hidden Water System*, (Princeton Architectural Press, 2003), and *Invisible New York: The Hidden Infrastructure of the City*, (Johns Hopkins University Press, 1998).

Greenberg's work was the subject of an exhibition at the Art Institute of Chicago in 2010. Greenberg's photographs have also been exhibited at the Metropolitan Museum of Art and the Whitney Museum of American Art. He received a fellowship from the John Simon Guggenheim Foundation in 2005. Greenberg has also received grants from the Alfred P. Sloan Foundation, the National Endowment for the Arts, the New York Foundation for the Arts, the New York State Council on the Arts and the Graham Foundation for Advanced Studies in the Fine Arts.

### Public Program: Tuesday, September 17 at 5:30pm - 8:00pm

Time Machines: A Conversation With Photographer Stanley Greenberg Join photographer Stanley Greenberg, MIT physics professor Janet Conrad, and Museum curator Gary Van Zante, for a discussion about the Museum's newest photography exhibition, <u>Stanley</u> <u>Greenberg: Time Machines</u>. Learn about how photographer Greenberg approaches his work, what attracted him to nuclear and particle physics and other scientific subjects, and how his collaboration with an MIT physicist has led to an undergraduate writing project about his photographs. Attendees will be able to view the exhibit before and after the conversation.

### About the Kurtz Gallery for Photography at the MIT Museum

The 1650 sq. ft. Kurtz Gallery at the MIT Museum hosts temporary exhibitions of fine art photography drawn in part from the rich legacy of work in photography at MIT by luminaries such as Minor White (1908-76), who taught at MIT during the last decade of his life; Harold Edgerton (1903-90), the strobe photography pioneer; and Berenice Abbott (1898-1991), who worked at MIT from 1958 to 1960. *Berenice Abbott, Photography and Science: An Essential Unity* in 2012 was the inaugural exhibition in the gallery, which is named for MIT alumnus Ronald Kurtz '45.



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### About the Curator

Gary Van Zante is the MIT Museum's Curator of Architecture and Design. He has curated over fifty exhibitions ranging from Renaissance architectural graphics to contemporary design practice and photography. His photographic exhibitions at MIT have featured the work of photographers Joel Tettamanti, Berenice Abbott, Gabrielle Basilico, Margaret Morton, and Cervin Robinson, among others. He is the author of a recent study of nineteenth century urban photography.

#### About the Arts at MIT

The arts at MIT connect creative minds across disciplines and encourage a lifetime of exploration and self-discovery. They are rooted in experimentation, risk-taking and imaginative problem-solving. The arts strengthen MIT's commitment to the aesthetic, human, and social dimensions of research and innovation. Artistic knowledge and creation exemplify our motto - *mens et manus*, mind and hand. The arts are essential to MIT's mission to build a better society and meet the challenges of the 21st century. <u>arts.mit.edu</u>

#### About the MIT Museum

The MIT Museum's mission is to engage the wider community with MIT's science, technology and other areas of scholarship in ways that will best serve the nation and the world in the 21st century. Located in the Central Square Cultural district, the Museum features two floors filled with ongoing and changing exhibitions, currently with an emphasis on robotics, photography and holography, kinetic art, MIT history, and current MIT research. Public programs range from demonstrations by MIT researchers and inventors to hands-on workshops, talks and panel discussions. The Museum is also the producer of the annual Cambridge Science Festival that takes place in the spring. The 2013-2014 Kinetic Art Initiative will feature a new exhibition of contemporary kinetic art as well as family programs, workshops, and artist/scientist talks about the intersection of science, art and technology.

### MIT MUSEUM

Massachusetts Institute of Technology, Building N51 265 Massachusetts Avenue Cambridge, MA 02139 P: 617.253.5927 | <u>museuminfo@mit.edu</u> | <u>http://web.mit.edu/museum</u> Open Daily 10am – 5pm | Closed Major Holidays Adults: \$10.00; youth under 18, students, seniors: \$5:00; children under age 5: free The Museum also offers free admission on the last Sunday of every month, September – June.

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