

February 18-20, 2010

SCIENCE

a MOVING image

From films used as scientific data to scientific documentaries to the incorporation of scientists and scientific themes in contemporary media, science's moving images span a diversity of practices. Join scientists, filmmakers, writers and scholars as they explore the many ways in which science and moving images interact and intersect. By observing rare scientific films, corporate/educational films, and artistic interpretations of science in film and video, attendees will probe the fascinating links among moving images and perceptions and practices of science and scientific image making, both past and present.



Thursday, Feb. 18

Galileo McAlister

7:30 p.m. – 10:00 p.m.

FILM FESTIVAL PART I

Welcome

“Appropriating Science,” curated by Rick Prelinger, Prelinger Archives, San Francisco, California

Created for the conference, this film is a montage of sequences from U.S. industrial and advertising films (1920s–1960s) that show how scientific signals are used to persuade, educate and reassure the public.

“Film 1st” (1998), directed by Gustav Deutsch, with an introduction by Tom Gunning, University of Chicago

A montage of rare scientific imagery, including the flight of pigeons, intelligence tests performed on apes, hurricanes and shock wave effects, and small children walking. The film demonstrates the process of discovery by cinematic means.

Friday, Feb. 19

Beckman Auditorium

9:00 a.m. – 10:30 a.m. Visions of Knowing

Chair: Jennifer Tucker, Harvey Mudd College

Panel: Tom Gunning, University of Chicago

Rick Prelinger, Prelinger Archives

Oliver Gayken, Temple University

11:00 a.m. – 12:30 p.m. Documenting Science

Chair: Jesse Lerner, Pitzer College

Panel: Gregg Mitman, University of Wisconsin-Madison

Lloyd Spencer Davis, University of Otago, New Zealand

Rachel Mayeri, Harvey Mudd College

2:00 p.m. – 4:00 p.m. Moving Image as a Laboratory and Experimental Technique

Chair: Laura Perini, Pomona College

Panel: Michael Elowitz, California Institute of Technology

Joseph Dumit, University of California at Davis

Dwight Whitaker, Pomona College

Natasha Myers, York University

Friday, Feb. 19 (continued)

Galileo McAlister

7:30 p.m. – 9:00 p.m.

FILM FESTIVAL PART II

“Out of the Laboratory,” curated by Rachel Mayeri, HMC, and Alexis Gambis, NYU/Imagine Science Films

Featuring contemporary short films that straddle the bounds between science and art, the program interrogates distinctions, while visualizing connections, between knowing and creating. Made by scientists and artists, these shorts move us to imagine experiment as creation, and creation as experiment.

Saturday, Feb. 20

Beckman Auditorium

9:00 a.m. – 10:30 a.m. Animating Science

Chair: Marsha Kinder, University of Southern California

Panel: Lisa Cartwright, University of California at San Diego

Judith Jack Halberstam, University of Southern California

Norman Klein, California Institute of the Arts

11:00 a.m. – 12:30 p.m. Scientists in Hollywood/ Science on TV

Chair: Marianne de Laet, Harvey Mudd College

Panel: Scott Frank, Autry National Center

Jeremy Bernstein, professional game designer and writer

Alexis Gambis, NYU and Imagine Science Films

The conference was organized by Jennifer Tucker, HMC Hixon-Riggs Visiting Professor of Science, Technology and Society and associate professor of history, science in society and feminist, gender and sexuality studies at Wesleyan University, and Marianne de Laet, associate professor of anthropology and science, technology and society at HMC and director of the Hixon-Riggs forum. The conference is sponsored by the HMC Hixon-Riggs Forum for Responsive Science and Engineering and the HMC Department of Humanities, Social Sciences, and the Arts.

The conference is free and open to the public. For more information, call 909.621.8022 or visit www.hmc.edu/hixonforum.

HARVEY MUDD

COLLEGE Harvey Mudd College is a coeducational liberal arts college of engineering, science and mathematics that also places a strong emphasis on humanities, social sciences and the arts.

