

R.I.T

Chester F. Carlson

College of Science

Center for **IMAGING** SCIENCE

Seminar Series

Science Images as Art

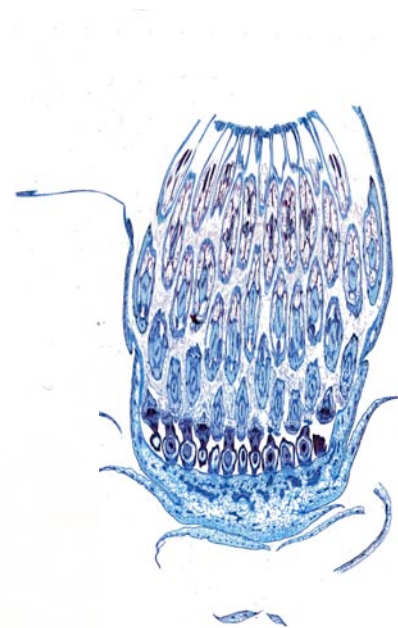
Michael Peres

Professor and Chair

Biomedical Photographic Communications Program, RIT



Snowflake 4:1 at capture



Dandelion 5:1 at capture



Fetal cat 1:1 at capture

4pm, Wed, Sep. 19, 2007

Auditorium of the Center for Imaging Science

www.cis.rit.edu/seminar

for up-to-date seminar schedule, video archives and abstracts.

Abstract

Since its invention in 1839, photography has been recognized as both an art and a science, linked by the technology through which its images are captured and subsequently preserved. The extent to which art, science, or technology dominates the photographic expression of the image is in the hands of the practitioner but is also influenced by the curious mind and expectations of the viewer. The importance of the photograph's objective is as relevant today as it was for Daguerre and Fox Talbot, both of whom created some of the first photographs taken of scientific subjects. The intent of scientific photography has always been to make images without the photographer's personal biases being unduly evident. From the time of its invention scientists discovered the value of using this highly precise communications tool. Today applications of scientific photography can be found all throughout science but these very same pictures can also routinely be found reproduced in numerous contemporary magazines as well as being displayed in many high end photography galleries and museums as art. Very few technologies can boast of being used both by practicing artists and scientists alike. This talk - Science Images as Art - will explore various themes of this dichotomy as well as sharing the extraordinary photography of a number of contemporary practicing scientific photographers.

Speaker Bio

Professor Michael Peres is the of Chair and a Professor of the Biomedical Photographic Communications program in the School of Photographic Arts & Sciences, a position he has held since 1989. In July, he was the recipient of the Louis Schmidt award presented by BioCommunications Association's for - "outstanding contributions to the progress of biological communications." In 2003, Peres was awarded the RIT Eisenhart Award for outstanding teaching. Peres also serves as one of the coordinators of the RIT Big Shot project and the Images from Science exhibition. Before he began his teaching career at RIT in 1986, he worked as the supervisory of photography at Henry Ford Hospital, Detroit, Michigan, as well as the Chief Medical Photographer, West Virginia University Medical Center, Charleston, West Virginia. Also an exhibiting photographer, his work has been featured in numerous publications and exhibitions, including several solo exhibitions. He is currently serving as Chair of the Nominating Committee for the Lennart Nilsson Award (Stockholm, Sweden). Peres has been actively publishing for most of his career and most recently served as Editor-in-Chief for the completely revised 890-page Focal Encyclopedia of Photography, Fourth Edition published in April 2007 by Focal Press in Boston. Peres has earned a B.A. in Biology from Bradley University a B.S. degree in Biomedical Photographic Communications as well as an M.S. Degree in Instructional Technology from RIT. For more about Peres visit: www.rit.edu/~mrppph