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College of Science

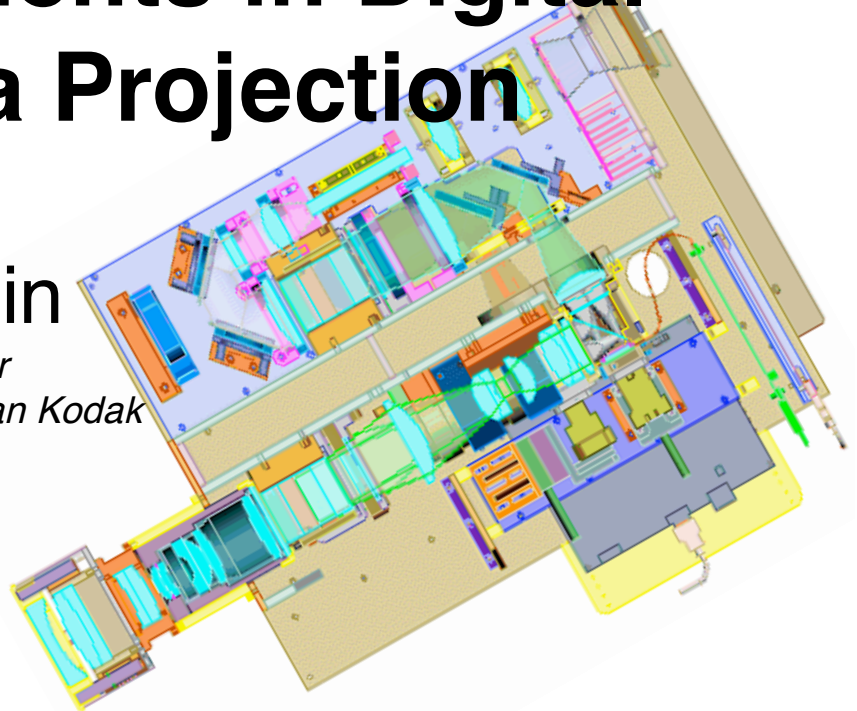
Center for **IMAGING** SCIENCE

Seminar Series

Developments in Digital Cinema Projection

Barry Silverstein

*Projection Technology Manager
Entertainment Imaging, Eastman Kodak*



4pm, Wed., Nov. 1, 2006

Auditorium of the Center for Imaging Science

George Eastman and Thomas Edison initiated the motion picture industry back in the late 1800's. This industry is about to have one of its biggest transitions in its history, not seen since the invention of sound and color, the switch to Digital Technology. The Digital Cinema conversion process is just beginning. It has become an intertwining relationship of technology and business issues that will offer seamless quality improvements to the consumer, cost savings to the studios, and additional opportunities to theater owners. Digital Cinema is directly tied to the digital content revolution, with HD TV, Portable Media Players, and even piracy concerns. This talk will touch on the many business issues, competitive technologies, projector concepts, technical hurdles, and an exploration of the possible future of Digital Cinema Projection.

www.cis.rit.edu/seminar

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

Speaker Bio

Barry Silverstein graduated from the Institute of Optics at the University of Rochester in 1984. Barry has since been at Eastman Kodak Company as a Senior Research Scientist/Project Manager. He has worked in diverse technology areas of optical storage, space optics, device packaging, laser printing, and most recently Cinema Projection. Currently, Barry is the Projector Technology Manager for Kodak's Digital Cinema projector research program. This program was responsible for the world's first demonstration of a 12,000-lumen 1500:1 contrast ratio LCoS Digital Cinema projector in 2003 and won Kodak's Research Laboratory's 2002 Team Achievement Award. Barry has authored papers for the OSA, SMPTE and SID and has been awarded 15 US patents.