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Center for **IMAGING** SCIENCE

Seminar Series

Automated Color Reproduction in Digital Publishing Workflows

Gary Dispoto

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Auditorium of the Center for Imaging Science

Abstract

In contrast to conventional "analog" publishing, digital publishing tends to use material from a wider variety of sources, print and display material on a wider variety of devices, repurpose material, and print shorter runs. Digital printing and publishing places a different set of demands on color communication, transformation, and control. Engineers at leading color imaging companies have been working within the framework of the ICC color management system to address the needs of commercial digital color reproduction. This talk will discuss some of the different requirements between conventional and digital color reproduction and describe some of the latest developments in industry standard color management.

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Speaker Bio

Gary Dispoto manages the Color and Precision Imaging Department in the Digital Printing and Imaging Lab at Hewlett-Packard Laboratories in Palo Alto, California. He has been at HP Labs for over 22 years, first working as a researcher in the area of color imaging and reproduction on topics such as color halftoning, device characterization, color separation, color management systems, and color rendering for a variety of consumer and commercial applications. He has managed color research at HP Labs for about 9 years and now manages a department that includes R&D on digital finishing technologies and printing sensors as well as color reproduction. Gary has been granted several U.S. patents in the field of color imaging. He holds electrical engineering B.S. and M.S. degrees from Stanford University and an M.B.A. from the University of Santa Clara.