Charles Poynton –
Publications and presentations

Books

Poynton, Charles, *A Technical Introduction to Digital Video* (New York: John Wiley & Sons, 1996). 352 pages. Fifth printing.

Poynton, Charles, *Digital Video and HDTV Algorithms and Interfaces* (San Francisco: Morgan Kaufmann, 2003). 736 pages. Second printing.

Book chapters

Poynton, Charles, "High Definition Television and Desktop Computing," chapter 18 in *Multimedia Systems*, edited by John F. Koegel (New York: ACM Press/Addison-Wesley, 1994). Also published in *Proceedings of International Technical Workshop on Multimedia Technologies in the HDTV Age*, IEEE CES Tokyo Chapter, July 20, 1993.

Poynton, Charles, "The Current State of High Definition Television," chapter 2 in *The New TV: A Comprehensive Survey of High Definition Television*, edited by Lou CasaBianca (Westport, Conn.: Meckler, 1994).

Poynton, Charles, "Color in Digital Cinema," chapter 3 in *Understanding Digital Cinema: A Professional Handbook*, edited by Charles Swartz (Burlington, Mass.: Focal Press, 2004).

Published interviews

"NASA TV," in *Canadian Electronics Engineer*, May 1984.

Cripps, Dale, "HDTV and the Computer Industry," in *HDTV Newsletter*, June/July 1989, p. 15-16.

Frenkel, Karen, "HDTV and the Computer Industry," in *Communications of the ACM*, November 1989, p. 1301-1312.

"Why you should care about HDTV," in *EDN*, December 14, 1989, p. S46-S48.

Jerome, Lawrence, "HDTV: Television with More Resolution than a Hi-Res Monitor," in *Sun Observer*, January 1990, p. 20-21.

Robertson, Barbara, "The Tangled Web of HDTV," in *Computer Graphics World*, January 1990, p. 52-62.

Schubin, Mark, "Politics, Numerology, and HDTV," in *Videography*, April 1990, p. 27-30.

"Benefits of HDTV Standards for Workstations," in *UNIX World*, April 1990, p. 105-106.

Shandle, Jack, "HDTV: Looking Good As a CAD/CAM Standard," in *Electronics Magazine*, June 1990, p. 70-71.

"Still Holding for HDTV," in *Computer Graphics World*, June 1990, p. 126.

Profile: Charles Poynton, in *Millimeter Magazine*, August 1991.

Scuri, Piera, "Illuminazione and Color Science (Lighting and Color Science)," in *Flare Architectural Lighting Magazine*, N⁰ 6, April 1992, p. 14-25 [Italian and English].

Technical publications

Poynton, Charles, "HDTV for Computer Workstations," in *Television: Merging Multiple Technologies*, Proceedings of the 24th SMPTE Television Conference, January, 1990, 197–203 (White Plains, New York: SMPTE, 1990).

Poynton, Charles, "HDTV and the Computer Industry," in *TVHD/90/HDTV – Proceedings of the Fourth Annual Colloquium on Advanced Television Systems* (Ottawa, Canada, June 25-29, 1990), p. 2A.6.1–2A.6.10.

Poynton, Charles, "A Tutorial on Magic Numbers for High Definition Electronic Production," presented at the 132nd SMPTE Technical Conference, October 13–17, 1990, Preprint No. 132-119 (White Plains, New York: SMPTE, 1990).

Poynton, Charles, C.R. Caillouet, Charles A. Pantuso, Glenn A. Reitmeier, and Laurence J. Thorpe, *High Definition Television (HDTV) Technology.* Course Notes for Course C18, ACM/SIGGRAPH 91 (Las Vegas, Nevada, July, 1991).

Poynton, Charles, "A Tutorial on Picture and Sound Compression," in *Proceedings of the 26th Annual SMPTE Advanced Television and Electronic Imaging Conference*, February 7-8, 1992, 46–57 (White Plains, New York: SMPTE, 1992).

Poynton, Charles, "Overview of TIFF 5.0," in *Image Processing and Interchange: Implementation and Systems* (Proc. SPIE, v. 1659), Arps, Ronald B., and William K. Pratt, Editors, 152-158 (Bellingham, Wash.: SPIE, 1992).

Poynton, Charles, "Technology for Accurate Color," in *Advanced Television and Electronic Imaging for Film and Video* (Proceedings of SMPTE Advanced Television and Electronic Imaging Conference, New York, Feb. 5-6, 1993), 186-200 (White Plains, New York: SMPTE, 1993).

Poynton, Charles, Dave Farber, Adrian Ligtenberg and Martin Lilley, *Concepts of Color, Video and Compression,* Course Notes for Course MM29, ACM/SIGGRAPH 93 (Los Angeles, Calif., August 1, 1993).

Poynton, Charles, "Gamma and Its Disguises," in *SMPTE Journal*, v. 102, n. 12 (December 1993), 1099−1108.

Poynton, Charles, *The Science of Digital Color,* Course Notes for Course C26, ACM/SIGGRAPH 94 (Orlando, Florida, July 26, 1994).

Poynton, Charles, "Wide Gamut Device-Independent Colour Image Interchange," in *Conference Papers of the International Broadcasting Convention 1994* (IEE Conference Publication No. 397), 218−222.

Poynton, Charles, "A Guided Tour of Color Space," in *New Foundations for Video Technology*, Proceedings of the SMPTE Advanced Television and Electronic Imaging Conference, San Francisco, Feb. 1995, 167−180 (White Plains, New York: SMPTE, 1995).

Young, Linda, Charles Poynton, Mark Schubin, John Watkinson, and Thor Olson, *Pixels, Pictures, and Perception*, Seminar notes from NAB 95 (White Plains, New York: SMPTE, 1995).

Poynton, Charles, "Outlook for home use video terminals," in *Broadcasting in the Multimedia Age* (Proceedings of International Broadcasting Symposium '95, Tokyo, Japan, Nov. 13−15, 1995), 285−290.

Poynton, Charles, "Motion portrayal, eye tracking, and emerging display technology," in *Proceedings of the 30th SMPTE Advanced Motion Imaging Conference* (Seattle, Wash., Feb. 1−3, 1996), 192−202.

Poynton, Charles, Michael Bourgoin, Jan De Clippeleer, and Thor Olson, *Digital Color,* Course Notes for Course C28, ACM/SIGGRAPH 96 (New Orleans, Louisiana, August 5, 1996).

Poynton, Charles, Michael Bourgoin, Jan De Clippeleer, and Maureen Stone, *Digital Color*, Course Notes for Course C13, ACM/SIGGRAPH 97 (Los Angeles, California, August 4, 1997).

Poynton, Charles, and George Joblove, *Scanning and Recording of Motion Picture Film*, Course Notes for Course C27, ACM/SIGGRAPH 97 (Los Angeles, California, August 5, 1997).

Poynton, Charles, "The rehabilitation of gamma," in B.E. Rogowitz and T.N. Pappas (eds.), *Human Vision and Electronic Imaging III* (Proc. SPIE, Volume 3299), 232–249 (Bellingham, Wash.: SPIE, 1998).

Poynton, Charles, Edward Giorgianni, Michael Bourgoin, *Color Image Coding, Color Management Systems*, Course Notes for Courses C25/C26, ACM/SIGGRAPH 98 (Orlando, Florida, July 20, 1998).

Poynton, Charles, Kevin Stec, and Michael Isnardi. *Digital Video*, Course Notes for Courses C43/C44, ACM/SIGGRAPH 98 (Orlando, Florida, July 21, 1998).

Poynton, Charles, *Color in Film, Video, and Computer-Generated Imagery*, Course Notes for Course C42, ACM/SIGGRAPH 99 (Los Angeles, Calif., July 21, 1999).

Poynton, Charles, Maureen Stone, Michael Bourgoin, Arjun Rama-murthy, and Dave LeHoty, *Color science and color management for CGI and film*, Course Notes for Course C21, ACM/SIGGRAPH 2000 (New Orleans, La., July 24, 2000).

Poynton, Charles, Isaac Kerlow, Alan Lasky, John Galt, Bill Werner, Dave LeHoty, and Dave Schnuelle, *The technology of digital cinema (D-cinema)*, Course Notes for Course C45, ACM/SIGGRAPH 2000 (New Orleans, La., July 25, 2000).

Poynton, Charles, "Displays for HDTV," in *Information Display*, v. 20, n. 7 (July 2004), 22–25.

Technical presentations

1983-03-11	SMPTE Toronto Chapter, Toronto, Canada	*Microprocessor Applications in Film and Video*
1984-01-28	SMPTE Television Conference, San Francisco, Calif.	*A High Bandwidth Multiport Framestore System*
1985-10-23	SMPTE Ottawa Chapter, Ottawa, Canada	*Current Computer Graphics Techniques used in Television*
1986-05-04	SMPTE Mini-Conference, Ottawa, Canada	*HDTV: High Bandwidth Video or Electronic Cinematography?*

Technical presentations (continued)

1989-06-02	Meckler HDTV Conference, Washington, D.C.	*HDTV and the Computer Industry*
1989-09-19	Society for Information Display, Bay Area Chapter, Palo Alto, Calif.	*HDTV: Two Megapixels in the Living Room?*
1989-11-15	U.C. Berkeley Computer Science Seminar, Berkeley, Calif.	*Hardware Systems for Multimedia Workstations*
1990-04-23	University of Michigan CITI, Ann Arbor, Mich.	*Video in the Workstation*
1990-06-25	IEEE Computer Elements Workshop, Vail, Calif.	*HDTV and the Computer Industry*
1990-06-27	TVHD/90/HDTV Colloquium, Ottawa, Canada	*HDTV and the Computer Industry*
1990-11-14	ESPRIT '90, Brussels, Belgium	*IT and Consumer Electronics: Workstations, Video and High Definition Television*
1991-02-13	Association for Color Developers, Burlingame, Calif.	*Color Interchange Spaces*
1991-04-04	Aldus Developer's Association, Seattle, Washington	*Accurate Color for TIFF*
1991-05-27	École Nationale Supérieur des Télecommunications, Workshop on Advanced Television Systems, Paris, France	*Image Industry: Is there a convergence of technologies?* (Invited paper)
1991-06-04	Seybold Digital World, Los Angeles, Calif.	*Digital Video: The Technology*
1992-02-13	SPIE/IS&T, San Jose, Calif.	*Overview of TIFF 5.0*
1992-02-25	Kodak Developer's Conference, Burlingame, Calif.	*Color Interchange Spaces*
1992-03-26	Youngblood/IBEC DeskTop PrePress Conference '92, Toronto, Canada	*RISC/UNIX Workstations in DeskTop PrePress*
1992-04-14	MSTV Association, Las Vegas, Nevada	Guest Speaker, MSTV Engineering Breakfast
1992-06-15	IEEE Computer Elements Workshop, Vail, Colorado	*Color Technology*
1992-08-12	SVnet, San Jose, Calif.	*High Definition Television: Ten Years Later, Still No Standards*
1992-09-09	SunExpo '92, Manchester, U.K.	Paper, *Color Management Technology for Workstations*
1993-02-06	SMPTE Winter Television Conference, New York	Paper: *Accurate Color Technology*
1993-02-18	University of California at Santa Cruz, Calif.	Research Colloquium, *Giving Numbers to Colors*
1993-05-17	Workshop on Progressive and Interlaced Scanning, Chatham, Mass.	Paper, *Current and Future Technologies for Non-Broadcast Media*

Technical presentations (continued)

1993-07-20	IEEE CES Tokyo Chapter, International Technical Workshop, *Multi-Media Technologies in the HDTV Age*, Tokyo, Japan	Invited paper, *High Definition Television and Desktop Computing*
1993-11-12	SMPTE Sacramento Chapter, Calif.	*Gamma and its Disguises*
1993-11-30	SMPTE Fall Conference, Los Angeles, Calif.	Paper, *Gamma and Its Disguises*
		Paper, *Accurate Color Technology*
		Paper, *Video Compression Technology*
1993-12-04	Society for Information Display, Bay Area Chapter, San Jose, Calif.	*Designing Information Displays for Human Perception*
1994-02-05	SPIE/IS&T Imaging Science, San Jose, Calif.	*Color Coding for Image Compression*
1995-02-09	SMPTE Advanced Television and Electronic Imaging Conference, San Francisco, Calif.	Paper, *A Guided Tour through Color Space*
1995-05-02	UniForum Canada, Toronto	Presentation, *Colour Images on the Web*
1995-11-15	International Broadcasting Symposium '95, *Broadcasting in the Multimedia Age*, Tokyo, Japan	Invited paper, *Outlook for home use video terminals*
1996-02-03	SMPTE Advanced Television and Electronic Imaging Conference, Seattle, Wash.	Paper, *Motion portrayal, eye tracking, and emerging display technology*
1996-04-16	MSTV, Las Vegas, Nevada	Guest Speaker, MSTV Engineering Breakfast
1997-02-07	SMPTE Advanced Television and Electronic Imaging Conference, New York	Paper, *Digital HDTV: Why bits are not just bits*
1998-01-27	SPIE/IS&T Conference, Human Vision and Electronic Imaging III, San Jose, Calif.	Paper, *The rehabilitation of gamma*
1998-02-06	SMPTE Advanced Television and Electronic Imaging Conference, Toronto	Paper, *Luminance, luma, and the migration to DTV*
1999-11-19	SMPTE Technical Conference, New York	Paper, *Color in 1080p24 and digital cinema*
2000-04-12	Colour Image Science Conference, Derby, U.K.	Keynote paper, *Colour Science in Digital Television and Electronic Cinema*
2004-05-24	Rochester Institute of Technology, Munsell Color Science Lab, Rochester, N.Y.	Invited talk, *Wide-gamut color reproduction for HDTV and Digital Cinema*
2004-09-11	GSTA conference, Montréal	Invited paper, *The Digital Evolution of 15/70: Digital 101*
2004-10-25	SID/ADEAC conference, Ft. Worth, Texas	Invited paper, *Color Issues for Display System Designers*

Courses, seminars, workshops

1984-06-15	Graphics Interface '84, Ottawa, Canada	Tutorial, *Digital Video Processing* (Organizer, Solo Presenter)
1989-04-12	NCGA Insider's Briefing on HDTV, Washington, DC	Presentation, *HDTV Technology* (Presenter)
1989-11-07	EIA/TIA Workshop on Digital Advanced Television, Washington, DC	Presentation, *HDTV Technology* (Presenter)
1991-01-14	DARPA HRV Workshop, Dallas, TX	Workshop, *Video Compression Technology*
1991-07-30	SIGGRAPH 91, Las Vegas	*High Definition Television (HDTV) Technology*, Course C18 (Organizer, Presenter)
1991-11-26	SIGGRAPH, Bay Area Chapter, Palo Alto, Calif.	Presentation, *Why is Sky Blue R=39, …*
1992-02-08	SMPTE Winter Television Conference, San Francisco, Calif.	*A Tutorial on Picture and Sound Compression* (Organizer, Presenter)
1993-02-04	SMPTE Winter Television Conference, Chicago	Tutorial, *The Meaning of Resolution in Film, Television and Computer Graphics* (Presenter)
1993-08-02	SIGGRAPH 93/ACM MultiMedia 93, Anaheim, Calif.	Course MM29, *Concepts of Color, Video and Compression* (Organizer, Presenter)
1993-08-03	SIGGRAPH 93/ACM MultiMedia 93, Anaheim, Calif.	Course MM45, *Formal Standards for Multimedia: Color and Video* (Presenter)
1994-02-03	SMPTE Winter Television Conference, Chicago	Tutorial, *Video Compression Technology* (Organizer, Presenter)
1994-02-08	ACM SIGCHI, Bay Area Chapter, Palo Alto, Calif.	Presentation, *Digital Color*
1994-03-05	SMPTE New York Section, New York	Tutorial, *Pixels, Pictures, and Perception* (Presenter)
1994-05-14	SMPTE Hollywood Section, Los Angeles, Calif.	Seminar, *Digital Compression for Film and Video: Preserving Image Quality* (Organizer, Presenter)
1994-07-26	SIGGRAPH 94, Orlando, Florida	Half-day course, *The Science of Digital Color* (Organizer, Solo Presenter)
1994-09-21	IBC 94, Amsterdam	Workshop, *The Use of General-Purpose Workstations in Video Production* (Organizer, Presenter)
1995-01-10	SMPTE Toronto Section, Toronto	Local chapter meeting, *Computing and Communications Technology for Video Distribution* (Organizer, Presenter)
1995-02-09	SMPTE Advanced Television and Electronic Imaging Conference, San Francisco, Calif.	All-day seminar, *Computing and Communications Technology for Video Distribution* (Organizer, Presenter)
1995-02-10, 11	SMPTE Advanced Television and Electronic Imaging Conference, San Francisco, Calif.	Conference Co-chair

Courses, seminars, workshops (continued)

1995-04-08	National Association of Broadcasters, Las Vegas	Tutorial, *Pixels, Pictures, and Perception* (Presenter)
1995-05-20	SMPTE Hollywood Section, Los Angeles, Calif.	Seminar, *Understanding the use of Color in Film, Video, and Computers* (Organizer, Presenter)
1995-09-09	SMPTE Technical Conference, New Orleans, Louisiana	All-day seminar, *SMPTE Internet Workshop* (Organizer, Solo Presenter)
1995-09-15	IBC 95, Amsterdam	Workshop, *ATM: Your Next Digital Router?* (Organizer, Solo Presenter)
1996-02-01	SMPTE Advanced Television and Electronic Imaging Conference, Seattle, Wash.	All-day seminar, *A Technical Introduction To Digital Video* (Organizer, Solo Presenter)
1996-04-10	UCLA Extension, Engineering Short Course Program, Los Angeles	3-day course, *Digital Video Technology* (Organizer, Presenter)
1996-05-07	Sony Broadcast, Professional Courses, Toronto, Canada	All-day course, *Introduction To Digital Video* (Organizer, Solo Presenter)
1996-05-29, 30	SMPTE Montréal section, Montréal, Québec	Seminar, *Digital Pictures from conception to delivery* (Presenter)
1996-05-07	Sony Broadcast, Professional Courses, Toronto, Canada	All-day course, *Introduction To Digital Video* (Organizer, Solo Presenter)
1996-08-06	SIGGRAPH 96, New Orleans, Louisiana	All-day course, *Digital Color* (Organizer, Presenter)
1996-09-15	IBC 96, Amsterdam	Session chair, *Virtual reality*
1997-02-08	SMPTE Advanced Television and Electronic Imaging Conference, New York	All-day seminar, *A Technical Introduction To Digital Video* (Organizer, Solo Presenter)
1997-02-15	BayCHI (Bay Area local chapter of ACM Special Interest Group on Computer Human Interface), Palo Alto, Calif.	All-day seminar, *Color and Type in Information Design* (Organizer, Co-presenter)
1997-03-24	ACM CHI 97, ACM Special Interest Group on Computer Human Interface, Atlanta, Georgia	All-day seminar, *Color and Type in Information Design* (Organizer, Co-presenter)
1997-04-02, 03, 04	UCLA Extension, Engineering Short Course Program, Los Angeles, Calif.	3-day course, *Digital Video Technology* (Organizer, Presenter)
1997-08-04	SIGGRAPH 97, Los Angeles, Calif.	All-day course, *Digital Color* (Organizer, Presenter)
1997-08-05	SIGGRAPH 97, Los Angeles, Calif.	All-day course, *Scanning and recording of motion picture film* (Co-organizer, Presenter)
1997-09-13	IBC 97, Amsterdam	Session chair, *New systems concepts and implementation*
1997-09-20	BKSTS, London, England	Full-day course, *Digital Video Technology* (Organizer, Solo Presenter)

Courses, seminars, workshops (continued)

1997-12-03, 04, 05	UCLA Extension, Engineering Short Course Program, Los Angeles, Calif.	3-day course, *Digital Video Technology* (Organizer, Presenter)
1998-04-15, 16, 17	UCLA Extension, Engineering Short Course Program, Los Angeles, Calif.	3-day course, *Digital Video Technology* (Organizer, Presenter)
1998-04-09 through 05-15	UCLA Extension, Entertainment Studies and Performing Arts, Los Angeles, Calif.	*The Perception and Reproduction of Color in Film, Video, and Digital Media,* eight 4-hour sessions (Co-organizer with Harrison Ellinshaw; Presenter)
1998-05-16	SMPTE/USC Spring Conference, Los Angeles, Calif.	*Production and Display Technologies for HDTV* (Moderator, Featured Presenter)
1998-07-20	SIGGRAPH 98, Orlando, Florida	Half-day course, *Color Image Coding* (Organizer, Solo Presenter)
1998-07-20	SIGGRAPH 98, Orlando, Florida	Half-day course, *Color Management: Theory and Implementation* (Organizer)
1998-07-21	SIGGRAPH 98, Orlando, Florida	Half-day course, *Digital video: Algorithms & interfaces* (Organizer, Presenter)
1998-07-21	SIGGRAPH 98, Orlando, Florida	Half-day course, *Digital video: Motion JPEG, DVC, MPEG-2, and DVD* (Organizer, Presenter)
1998-09-21	BKSTS, London, England	Full-day seminar, *Color in Film, Video, and Computer-Generated Imagery* (Organizer, Solo Presenter)
1998-09-22	BKSTS, London, England	Full-day seminar, *Digital Video Technology* (Organizer, Solo Presenter)
1998-10-03, 04	SGI Silicon Studio/LA, Santa Monica, Calif.	Two-day seminar, *Understanding Color in Film, Video, and Computer-Generated Imagery* (Organizer, Solo Presenter)
1998-10-05, 06	SGI Silicon Studio/LA, Santa Monica, Calif.	Two-day seminar, *Digital Video Technology* (Organizer, Solo Presenter)
1998-10-08	SGI, Vancouver, B.C.	Full-day seminar, *Understanding Color in Film, Video, and Computer-Generated Imagery* (Organizer, Solo Presenter)
1998-10-09	SGI, Vancouver, B.C.	Full-day seminar, *Digital Video Technology* (Organizer, Solo Presenter)
1998-10-26, 27, 28	UCLA Extension, Engineering Short Course Program, Los Angeles, Calif.	3-day course, *Digital Video Technology* (Organizer, Presenter)
1998-11-17	SPIE/IS&T CIC 98, Scottsdale, Ariz.	Seminar, *Color in desktop computing: from theory to practice* (Organizer, Solo Presenter)
1998-11-17	SPIE/IS&T CIC 98, Scottsdale, Ariz.	Half-day course, *Color in digital video: DTV, ATV, and High Definition Television* (Organizer, Solo Presenter)
1998-11-26, 27	SGI, Toronto, Canada	Two-day seminar, *Digital Video Technology* (Organizer, Solo Presenter)

Courses, seminars, workshops (continued)

1999-01-28	University of British Columbia, Vancouver, B.C.	Colloquium, *High Definition Television (HDTV) and Digital Television (DTV): The Mathematics and Algorithms* (Invited speaker)
1998-06-08, 09	SGI, Toronto, Canada	Two-day seminar, *Understanding Color in Film, Video, and Computer-Generated Imagery* (Organizer, Solo Presenter)
1999-08-10	SIGGRAPH 99, Los Angeles, Calif.	Full-day course, *Color in Film, Video, and Computer-Generated Imagery* (Organizer, Solo Presenter)
2000-01-19, 20	National FIlm Board, Montréal, Québec	Two-day course, *Colour in Computer Graphics, Video, Film, and D-cinema* (Organizer, Solo Presenter)
2000-02-19	ITS 2000 Technology Retreat, Palm Springs, Calif.	Half-day seminar, *Color Transforms for SDTV, HDTV, CGI, and film* (Solo Presenter)
2000-07-24	SIGGRAPH 2000, New Orleans, La.	Full-day course, *Color science and color management for CGI and film* (Organizer, Presenter)
2000-07-25	SIGGRAPH 2000, New Orleans, La.	Full-day course, *The technology of digital cinema (D-cinema)* (Organizer, Presenter)
2001-08-13	SIGGRAPH 2001, Los Angeles, Calif.	Full-day course, *The technology of digital cinema (D-cinema)* (Organizer, Presenter)
2001-08-14	SIGGRAPH 2001, Los Angeles, Calif.	Half-day course, *How to Give A Great SIGGRAPH Talk* (Organizer, Presenter)
2002-02-07	SMPTE Advanced Television and Electronic Imaging Conference, Dallas, Texas	Full-day seminar, *Assessing and Maintaining Image Quality* (Presenter)
2002-06-17	ICCE International Conference on Consumer Electronics, Los Angeles, Calif.	Full-day tutorial, *Digital Video and HDTV Algorithms and Interfaces* (Organizer, Solo presenter)
2003-02-06	Hollywood Post Alliance 2003 Tech. Retreat, Palm Springs, Calif.	Half-day seminar, *Color Transforms among Video, Computer Graphics, Film, and Digital Cinema* (Organizer, Solo presenter)
2003-05-20	SID 2004, Society for Information Display, Baltimore, Maryland	1.5-hour tutorial, *Introduction to HDTV for Display System Designers* (Organizer, Solo presenter)
2003-07-17	displayLA Conference, Los Angeles, Calif.	1-hour tutorial, *An Introduction to Display Science for Creative Professionals* (Organizer, Solo presenter)
2003-10-23, 24	Seminar sponsored by Entertainment Technology Center, Los Angeles, Calif.	2-day seminar, *A Digital Craftsperson's Introduction to Color Science* (Organizer, Solo presenter)
2004-02-04	Hollywood Post Alliance 2004 Tech. Retreat, Palm Springs, Calif.	Half-day seminar, *Filtering, sampling, and resampling: The mathematics of format conversion* (Organizer, Solo presenter)

Courses, seminars, workshops (continued)

2004-06-13	Master class sponsored by Cine Gear Expo, Los Angeles, Calif.	2-hour master class, *Practical Color Theory for the Digital Cinematographer* (Organizer, Solo presenter)
2004-06-14	Seminar sponsored by Entertainment Technology Center, Los Angeles, Calif.	Full-day seminar, *Color for Digital Cinema: Origination, Mastering, and Display* (Organizer, Solo presenter)
2004-06-24	JTS 2004 conference, Toronto	2-hour seminar, *An Archivist's Introduction to Digital Image Science* (Solo presenter)
2004-08-08	SIGGRAPH 2004, Los Angeles, Calif.	Full-day course, *Color science and color appearance models for CG, HDTV, and D-cinema* (Organizer, Presenter)
2004-09-21	BKSTS, London, England	Full-day workshop, *Colour Technology for Digital Cinema and the Digital Intermediate* (Organizer, Solo presenter)
2004-10-25	SID/ADEAC conference, Ft. Worth, Texas	2-hour seminar, *Visual performance metrics* (Organizer, Solo presenter)
2004-11-10	IS&T/SID CIC12 conference, Scottsdale, Arizona	Half-day tutorial, *Color Science for Digital Cinema* (Organizer, Presenter)
2004-11-10	IS&T/SID CIC12 conference, Scottsdale, Arizona	2-hour tutorial, *Color Appearance Issues in Digital Cinema Exhibition* (Organizer)