

***TAGA  
HONORS  
AWARDS  
1996***



Presented at  
Dallas, Texas  
during the  
48th Annual Technical Conference  
of the  
Technical Association of the Graphic Arts  
April 30, 1996

THE  
TAGA HONORS AWARD  
*for Outstanding Contributions*  
*to the*  
*Graphic Arts Industry*

The Technical Association of the Graphic Arts (TAGA) is an organization of technologists, scientists, technical and production personnel in the printing and allied industries. It was established in 1948 as a forum for reporting on new research and technology in the graphic arts. It has a long history of distinguished annual conferences at which technical papers on graphic arts subjects are presented. The annual volumes of TAGA Proceedings are the published records of these papers by leading technical and scientific men and women who have contributed measurably to the progress of printing technology and graphic science throughout the world. The Board of Directors of TAGA hereby singles out an imaging scientist and a graphic arts digital standards pioneer with distinguished career to receive the 1996 TAGA Honors Award as appreciation from their peers for their dedicated services and contributions to the advancement of graphic arts.

As evidence of this honor, the awardees will receive the symbol of the TAGA Honors Award, designed in 1976 by R. E. Maurer, then president of TAGA. It consists of a trihedron with three transparent side panels in the subtractive primary colors, yellow, magenta, and cyan, which are the colors of the three dye layers in transparencies and the colorants used in the printing inks for process-color reproduction. The overlap colors of red, green, and blue (violet) are generated by the colored panes. The black base represents the black printer and the white base of the pyramid the printing paper.

Presented here is a summary of the accomplishments of this year's distinguished recipients of the TAGA Honors Award.

## TAGA HONORS AWARD 1996

to

### GARY G. FIELD

*for his 36 years of dedicated services to the graphic arts as a craftsman, foreman, management trainee, GATF Color and Photo Research Division Supervisor and presenter of over 100 seminar/workshops, 20 years of advanced teaching of graphic arts courses at undergraduate and graduate levels, five books, over 30 years of research in color reproduction and quality optimization, 35 research papers, ten of which at TAGA conferences, and his services to TAGA as a board member. TAGA honors Gary G. Field.*



GARY G. FIELD is a Professor of Graphic Communications at California Polytechnic State University since 1984 and was certified as an accredited senior Imaging Scientist in 1995. He attended Melbourne College of Printing and Graphic Arts, Australia, from 1960-1966 while he served apprenticeships in camera operating and platemaking. In 1970 he received a Diploma in Printing Technology from Trent Polytechnic, Nottingham, England, while employed by Mardon, Son, and Hall, Ltd., Bristol, England. In 1975 he obtained the degree of Master of Business Administration (MBA) from the University of Pittsburgh, Pittsburgh, PA.

In 1970 he became supervisor of the Color and Photography Research Division at the Graphic Arts Technical Foundation (GATF) where he conducted research in color reproduction and presented over 100 seminar/workshops in five countries. In 1976 he joined LaRoche College, Pittsburgh, as Assistant Professor and taught 14 different courses. From 1981-1983, he taught four courses in Carnegie Mellon University Graduate School of Industrial Administration, Pittsburgh. Since 1984, he has taught courses in printing management and technology at California Polytechnic University.

Gary's research has focused on the optimization of print quality. His researches have resulted in five books. His book *Color and Its Reproduction* is a highly regarded and widely used reference in schools and in the industry. His color separation research led to a book on tone and color correction strategies and another on high resolution color scanning and imaging systems. Gary has been a member of TAGA since 1966, has presented ten technical papers at TAGA annual technical conferences, has served TAGA as a member of its Board of Directors and as chair of the Fellowship Committee, and presently as a member of the Education Committee. He is a Fellow of the Royal Photographic Society (England), a Fellow of the Institute of Printing (England) and recipient of its silver medal for the best published paper in 1991, and was the recipient of the GATF Education Award of Excellence in 1993.

## TAGA HONORS AWARD 1996

to

### DAVID Q. MCDOWELL

*for his 20 years of dedicated service to graphic arts research and pioneering leadership efforts in graphic arts standards as chair of the IT8 Color Committee, CGATS, US Advisory Group to ISO TC130, NPES Technical Standards Committee and author of many reports and articles on graphic arts standards, for his services to TAGA as a board member, Vice President, Executive Vice President, President and Past President, and for his five papers at TAGA conferences, TAGA honors David Q. McDowell.*



DAVID Q. MCDOWELL is a co-founder of graphic arts digital standards and their most prolific recorder, reporter and promoter. He has a degree in Engineering Physics in 1957 from the University of Rhode Island and has spent his whole working life with Eastman Kodak Company. Dave became committed to graphic arts digital standards in 1985 when he and the late Dr. S. Thomas Dunn proposed the Digital Data Exchange Specifications (DDES) for graphic arts at the September meeting of Lasers in Graphics. These were adopted by the six leading digital imaging systems vendors in 1986 who eventually formed the IT8 Standards Committee on which Dave was the official Kodak representative.

Dave soon helped found and became the chair of the IT8 Color Committee which created the very successful IT8.7/1 and IT8.7/2 scanner calibration targets and the IT8. 7/3 output data set. Dave also became involved with reactivating the dormant international technical committee for graphic arts standards, ISO TC130. In 1988 Dave was made chair of the US Technical Advisory Group to TC130. He also served as chair of CGATS (Committee for Graphic Arts Technologies Standards which has since been combined with IT8), TC130 Editing Committee, IS&T Standards, and NPES Technical Standards Committee. He is also author of a regular standards reports in The TAGA Newsletter, the IS&T Reporter, and the IPA Prepress Bulletin.

Despite this heavy load of standards commitments and his other duties at Kodak, Dave has found time to be a member of TAGA since 1979, present five papers at TAGA annual conferences, serve on its Board of Directors from 1984-1993 as Director, Second Vice President, Executive Vice President, President, and Past President. For all his accomplishments, Dave McDowell has been honored with the Lasers in Graphics Electronic Design and Prepress Pioneer Award in 1991, the NPES Gegenheimer Award for Industry Service in 1994, the Roland Zavada (Rollie) Standards Award in 1995, and now The TAGA Honors Award.

## PREVIOUS HONOREES

1976

Michael H. Bruno  
Paul J. Hartsuch  
Frank M. Preucil  
John A. C. Yule

1977

Albert R. Materazzi  
Robert E. Rossell  
Earl I. Sundeen  
William C. Walker

1978

Bernard R. Halpern  
Francis L. Wurzburg, Jr.

1979

Harvey F. George  
Richard E. Maurer  
John McMaster

1980

William D. Schaeffer  
Philip E. Tobias

1981

John F. Crosfield  
George W. Jorgensen

1982

Gordon O. F. Johnson  
Herbert E. Phillips

1983

William F. Schreiber  
William E. Somerville

1984

Robert W. Bassemir  
Kurt Pfahl

1985

Jean Chevalier  
Emilio Gerboni  
Simo T. P. Karttunen  
Bryan H. W. Sunderland

1986

John Macphee  
J. Tom Morgan, Jr.  
Miles F. Southworth

1987

Werner F. Gerlach  
Warren L. Rhodes  
Kenneth G. West

1988

James R. Cox  
Philip C. Evanoff  
Lawrence A. Wilson

1989

H. Brent Archer  
S. Thomas Dunn

1990

Robert H. Downie  
Dr. Thomas A. Fadner  
Dr. Tapio Lehtonen

1991

Sven Ahrenkilde  
Brian M. Chapman  
Charles E. Rinehart

1992

Richard S. Fisch  
Milton Pearson

1993

Paul F. Borth  
DR.-ING. Uwe Gast

1994

Dr. Kurt Schlapfer

1995 - Orlando

Dr. Eiichi Inoue  
Patrice M. Dunn

1995 - Paris

Anthony J. Johnson

## **TAGA OFFICERS FOR 1995-1996**

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