



***TAGA
HONORS
AWARDS***

1998

*on the occasion
of the
50th Anniversary
Technical Conference*

Presented at
Chicago, Illinois
during the
50th Anniversary Technical Conference
of the
Technical Association of the Graphic Arts
April 28, 1998

THE
TAGA HONORS AWARD
For Outstanding Contributions
to the
Graphic Arts Industry

on the occasion of the 50th Anniversary Technical Conference

The Technical Association of the Graphic Arts (TAGA) is an organization of technologists, scientists, technical and production personnel in the printing and allied industries and students in accredited graphic arts programs. 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 printing ink scientist with distinguished careers to receive the 1998 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 1998
to
JACQUELINE M. FETSKO**



for her 49 years of dedicated service to NPRI and the printing industry, for her services as supervisor of printing ink research, assistant research director, and director of technical services, her co-authorship of the famous Walker-Fetsko Ink Transfer Equation, her books and 46 technical publications, the first woman with a TAGA paper and seven others in TAGA Proceedings, her popular short courses attended by over 1,500, her chairmanship of the ASTM subcommittee on Printing Inks and the 13 standards she helped pass, TAGA honors Jacqueline M. Fetsko.

Jacqueline M. Fetsko has been associated with the National Printing Ink Research Institute (NPRI) at Lehigh University since early 1949. A 1946 graduate of the University of Pennsylvania, she earned her MS in chemistry from Lehigh University in 1953. Thereafter she progressed rapidly to supervisor of printing research, assistant research director, and director of technical services, a position she has held since 1974.

Miss Fetsko has 46 publications, of which eight on ink transfer and print quality are in *TAGA Proceedings*. She is the first woman to present a TAGA paper in 1954. She is co-author of the Walker-Fetsko Ink Transfer Equation, which elucidated the mechanism of ink transfer and is still used worldwide. Other landmark publications are the four-volume Raw Materials Data Handbook (RMDH) which compiles physical, safety and health hazard data needed to comply with environmental regulations; and a two-part annotated bibliography on ink/water interactions in lithography.

In 1960, she visited and lectured at every then-existing printing research institute in Europe, including Communist Russia (Moscow) and East Germany (Leipzig). She and her mother, Sue, were popular attendees at many biennial meetings of the International Association of Research Institutes in the Graphic Arts Industry (IARIGAI). She was responsible for the interior layout and proposals which helped raise over a million dollars toward the construction of the Francis MacDonald Sinclair Memorial Laboratory, home of NPRI at Lehigh since 1970. In the same year, she assumed charge of the Introductory Short Course in Printing Ink Technology, at which she also lectures and instructs in the laboratory, and later added an Advanced Course. These courses have been attended by over 1,500 participants. She became chairman of the ASTM Subcommittee on Printing Inks in 1983, and has shepherded 13 standards through the organization.

Currently semi-retired, she continues to chair the ASTM Subcommittee, publishes Printing Ink Literature Titles, is updating the RMDH, and directs the two short courses. Honors include the Printing Ink Pioneer Award of NAPIM in 1971, second recipient of the prestigious Naomi Berber Award of GATF in 1977, the Master Ink Technologist Award of the NY Printing Ink Production Club in 1981, Technical Achievement Award of NAPIM (National Association of Printing Ink Manufacturers) in 1983, the Henry A. Gardner Award of ASTM in 1992 and TAGA now distinguishes Jacqueline Fetsko with the 1998 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

1996

Gary G. Field
David Q. McDowell

1997

Dr. Edward M. Granger
Raymond J. Prince

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68 Lomb Memorial Drive
Rochester, NY 14623-5604

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1	Tata Institute of Fundamental Research	Mumbai	1945
2	Tata Institute of Social Sciences	Pune	1963
3	Tata Institute of Management	Mumbai	1959
4	Tata Institute of Education	Chennai	1957
5	Tata Institute of Fundamental Research - Centre for Space Science	Mumbai	1970
6	Tata Institute of Fundamental Research - Centre for Molecular Biology	Mumbai	1975
7	Tata Institute of Fundamental Research - Centre for Earth System Studies	Mumbai	1985
8	Tata Institute of Fundamental Research - Centre for Nano Science and Technology	Mumbai	1995
9	Tata Institute of Fundamental Research - Centre for Astrophysics	Mumbai	2000
10	Tata Institute of Fundamental Research - Centre for Quantum Science and Technology	Mumbai	2005
11	Tata Institute of Fundamental Research - Centre for Energy Research	Mumbai	2010
12	Tata Institute of Fundamental Research - Centre for Data Science	Mumbai	2015
13	Tata Institute of Fundamental Research - Centre for Robotics and Automation	Mumbai	2018
14	Tata Institute of Fundamental Research - Centre for Artificial Intelligence	Mumbai	2020
15	Tata Institute of Fundamental Research - Centre for Quantum Computing	Mumbai	2022

THE TATA GROUP OF INSTITUTIONS
 100, P. O. Box 919, Colaba, Mumbai - 400 052, India
 Telephone: 022-2611 4111, Fax: 022-2611 4112
 Website: www.tatagroupofinstitutions.org