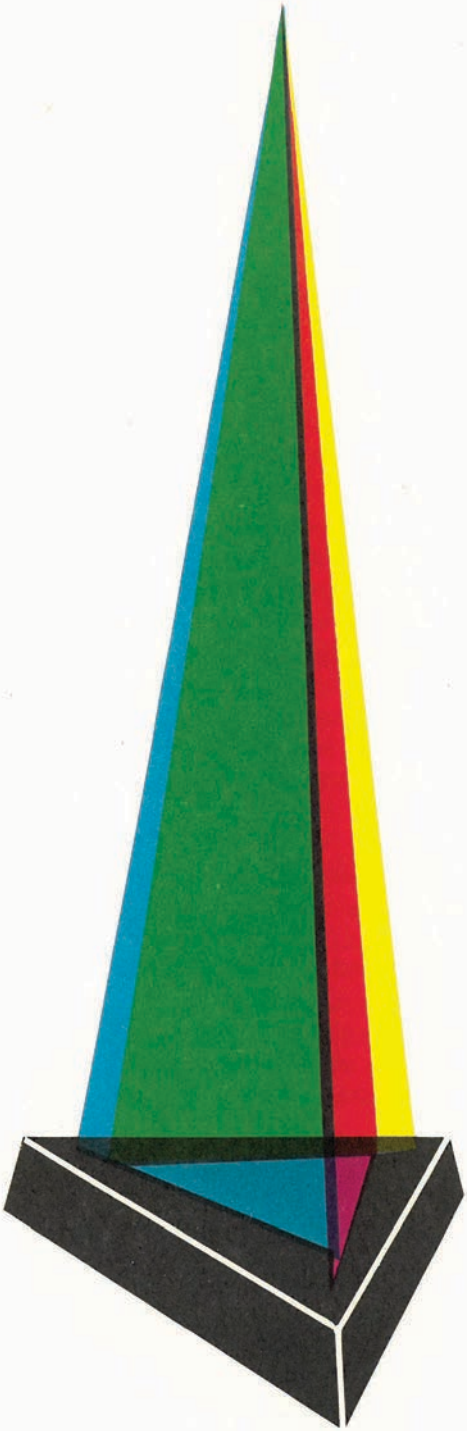

Taga Honors Award 1985

Presented at

St. Paul, Minnesota

during the

37th Annual Conference

Technical Association of the Graphic Arts

May 7, 1985

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

The Technical Association of the Graphic Arts (TAGA) was organized in 1948 as a forum for reporting on new research and technology in the graphic arts. It has a distinguished history of annual conferences at which papers on technical graphic arts subjects are presented. *TAGA Proceedings* is the published record 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 recognized the endeavors of four more members of the graphic arts scientific community by selecting them for the TAGA Honors Award. We hope that all members of TAGA and people throughout the graphic arts industry will join in congratulating these men on their achievements.

As evidence of this honor, each awardee will receive the TAGA Honors symbol. This was designed in 1976 by R. E. Maurer, then president of TAGA, and consists of a spire 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 color of red, green, and blue (violet) are generated by the colored panels. The black base represents the black printer and the white base of the pyramid the printing paper.

Presented, in alphabetical order, are the four distinguished recipients of the 1985 TAGA Honors Award.

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TAGA HONORS AWARD 1985

to

Jean Chevalier

for his leadership and energy in organizing and bringing into being the Association Technique des Industries Graphiques, TAGA's sister organization in France; for his many technical innovations; for his extensive work in the field of color separations; for acting as an international ambassador for TAGA; and for his faithful support from 1968 onwards, TAGA honors Jean Chevalier.

1968

JEAN CHEVALIER was born and raised on the Paris left bank. He studied Architecture at the School of Fine Arts until he was called to serve in the French Forces from 1939 to 1945.

From 1945-46, he was engaged in photographic coverage for several American magazines (Colliers, Fortune). Thanks to this collaboration, he acquired the necessary technique and equipment for color photography. At the same time, early in 1946, he joined the team of the women's magazine "ELLE" and took part in its artistic creation. He set up a photographic studio which, for a long time, was the most important in Paris. This studio, being in permanent contact with the States, was the first in France to use the most modern color photographic processes and to have its own laboratories for color processing.

The first attempts made to improve the general aspect of "ELLE" magazine brought him, from 1949 onward, in touch with the printing trade where he contributed to the introduction of photographic masking, electronic flash separations and other new developments.

Along with his photographic and publicity activities, he became increasingly interested in the reproduction of color pictures. He became successively a member of the "Graphic Arts Technical Foundation Research Committee", of the "Society of Photographic Scientists and Engineers", of the "Inter Society Color Council", of the "Research and Engineering Council of the Graphic Arts" and of the "Gravure Research Institute" and other different research organizations, as for instance, P.D.I. He is a member of the International Committee of the "National Association of Printers and Lithographers".

In 1961, with more than 500 cover photographs of the magazine to his credit, he relinquished his studio to "ELLE" magazine in order to devote himself entirely to the techniques of graphic communication.

Now a freelance consultant since 1965, he has served such clients as Kodak Pathe, Crosfield Electronics France, some members of the L'Express and Hachette groups, Neogravure (Helio-Corbeil), Elysees-Colortype, Vannier-Photelec and several printers in Europe.

TAGA HONORS AWARD 1985

to

Emilio Gerboni

for his leadership and energy in organizing and bringing into being TAGA's sister organization in Italy, TAGA Italia; for his new developments in screens used in the halftone process; and for the many technical articles and lectures which he has presented on a worldwide basis, TAGA honors Emilio Gerboni.

EMILIO GERBONI graduated Photographer Dipl. Ing. in 1954 from the Industrial Institute of Graphic Arts in Torino, Italy, where he founded in that year the AGFT, first Italian Association of the Graphic & Photographic Engineers.

In the beginning he devoted himself to color Photography and Cinematography; afterwards he went over to the Graphic Reproduction field where he has been operating for about 30 years.

Emilio was with the Graphic Arts Division of 3M Italy, formerly Ferrania S.p.A., for 15 years, performing different tasks in the field of Research & Development, Technical Service, Training, and International Marketing. In 1969, as Manager of the Graphic Arts Department, he developed, together with Professor Pietro Chasseur, the 3M Centralized Computer Program for Graphic Arts applications, representing in that time a vanguard system.

Since 1958, he has cooperated as Technical Consultant with Dr. Giorgio Bissutti, the founder of Policrom Screens Co., in the development of new Screens and Systems for the advanced Halftone technologies. In 1970, he joined Policrom Screens as Director of Marketing and in his 15 years of promotional activity around the World has held lectures in various countries and published articles in many specialized magazines on technical and commercial subjects.

He is active in various Graphic Arts Associations and Educational programs in Europe, the United States, South America, and the Far East.

Emilio is a founding member of TAGA Italia and was elected President of this young Society in 1983. He was honored by the Golden Legion and by the Academy of the 500 in Rome for artistic and cultural merits. Recently he has been nominated by President Pertini as "Cavaliere al merito della Repubblica Italiana" (Chevalier of the Italian Republic).

TAGA HONORS AWARD 1985

to

Simo T. P. Karttunen

in recognition of his distinguished research on the lithographic printing process; for his willingness to share his findings with others on a regular basis; for his service as an educator in the Graphic Arts field; for his leadership in graphic arts research in Finland; and for the many papers he has contributed to TAGA, TAGA honors Simo Karttunen.

SIMO T. P. KARTTUNEN has worked 23 years in research and development, R&D for the printing and paper industries. In 1968 he received his Doctorate and was originally a Master of Science graduate from the Helsinki University of Technology, 1962.

In 1970, he was named Director of the Graphic Arts Laboratory at the Technical Research Centre of Finland, VTT, its Division for Information Technology, which is involved in R&D services for various industries based on new evolving technologies and also commissions for industrial product developments in the leading Finnish companies.

In the early 1960's, he worked as a researcher in the projects for defining the printability of papers and inks in the main printing processes. He participated in the development of the joint quality control operations between the paper mills and the leading printers. Toward the end of the decade, he worked in FOGRA Institute Munich for studies on coated papers.

During the early 1970's, he worked on ink transfer models for solid, halftone and wet-on-wet prints. In later studies his group developed a litho offset theory, which explains why and how dampening solutions have to be used in web-offset presses and deviates essentially from the classical litho theories.

Based on this theory, and additionally on huge amounts of experimental work done by many of his coworkers, the Laboratory now develops press simulators, process automation software, on-press density and register monitors, system and press acceptance tests, quality control tools, film and plate scanners for press presetting. This is done jointly with several companies producing printing presses or process control systems and equipment. Digital image processing, first developed in the Laboratory as early as 1976, is one of his latest R&D topics.

He is a writer of many publications and cowriter of several books. He is permanent expert member of the Finnish Newspaper Association, the Council member of the international research association IARIGAI, and a former board member of the NATS - The Scandinavian Newspaper Technical Cooperation Council. He holds the titles of Professor at VTT and Docent at the Helsinki University of Technology.

TAGA HONORS AWARD 1985

to

Bryan H. W. Sunderland

for his technical achievements in developing a better understanding of the color reproduction process; for his accomplishment of making the PIRA Color Center a reality; for his contribution of papers to many TAGA meetings; for his work in prepress imaging and typesetting systems; and for his frequent participation in international forums, TAGA honors Bryan H. W. Sunderland.

BRYAN H. W. SUNDERLAND is the third generation of a family engaged in the printing and communications industry. He served an apprenticeship in photolithography and after qualifying completed military service as a lecturer in the School of Survey.

In 1962, he joined the technical support group of Ilford Limited and engaged in product, process and system development on an international scale, for a range of industry sectors. Bryan joined Crosfield Electronics in 1969 and was a member of the team responsible for the Magnascan program, where his particular contribution was the systems approach to the application of scanning equipment. Joining PIRA in 1976, he conducted research and consultancy assignments before establishing the PIRA Color Centre in 1981.

He has numerous papers to his credit on the subject of color reproduction and is currently active in the field of imaging systems.

Presently, he is a Senior Consultant with particular responsibility for industry liaison.

He has been prominent in the development and application of quality assurance programs for graphic reproduction and has served multi national groups in this field.

He is a founder member of the TAGA International Relations Committee and is committed to personnel training and development in the industry.

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

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