

## **Paper and Board Division: 77 Years of Service to the Industry**

By: Thomas E Rodencal

The birth of the Paper and Board Manufacture Division occurred during TAPPI's 24<sup>th</sup> Annual Meeting, which was held at the Roosevelt Hotel in New York City on February 20, 1939. At this meeting, the Operating Division, which had been formed in 1930, was formally dissolved and two new divisions were formed: Paper and Board Manufacture and Pulp Manufacture. Our first division chairman was G. Lamont Bidwell with Riegel Paper Company. He later was elected to the Executive Committee in 1941 (predecessor to the board of directors). Committees under the Operating Division related to papermaking included the Preparation of Fibrous Materials, Stuff Preparation, Paper Manufacture, and Finishing committees. The latter two committees merged into the Forming and Finishing Committee, making three committees within the new division. In 1943 the Forming and Finishing committee changed to the Paper Making Committee (but the scope still included finishing), and Stuff Preparation changed to Preparation of Nonfibrous Materials. In 1946, the latter group was renamed Preparation of Papermaking Materials. The following year this group had subcommittees for cotton cooking and bleaching, filler monograph, stuff preparation and sheet formation, machinery manufacturers, sizing tests, and alum strength. In 1947, the Paper Making Committee formed two sub-committees, the Fourdrinier Machine and Cylinder Machine committees and the scope no longer included finishing. Both subcommittees became full committees in 1949 with the names Papermaking Cylinder and Papermaking Fourdrinier committees.



**G Lamont Bidwell**

The Papermaking Fourdrinier Committee went through several name changes over the years. It became the Fourdrinier Committee in 1953, the Fourdrinier Machine Committee in 1969, the Fourdrinier Papermakers Committee in 1977 and finally the Papermakers Committee in 1984. A number of subcommittees existed under Papermakers for short periods including linerboard, tissue, newsprint technical managers, and stock preparation. The committee has one active subcommittee, the Papermaking Specialists, which started in 1997 as a forum for problem solving.

The Papermaking Cylinder committee became the Cylinder Board committee in 1953 and later the Multiply Board committee from 1966 to 1982. Today multiply board manufacturers are represented by the Recycle Paperboard Technical Association (RPTA). RPTA, while independent from TAPPI, participates in the annual PaperCon conference.

The interest area of stock preparation was included in the Preparation of Papermaking Materials from 1946 to 1964. In 1965 the Stock Preparation and Chemical Additives Committee was formed. In 1970, Stock Preparation members formed their own committee, which functioned until 2000 when it merged into the Papermakers Committee.

In 1971, Chemical Additives and Wet Strength and Interfiber Bonding committees merged to form the Papermaking Additives committee. This group has had numerous subcommittees over the years. Subgroups included Wet & Dry Strength, Sizing, Chemical Processing Aids, Dyes, Fillers, & Pigments, and Retention & Drainage. These

subgroups supported the annual Papermakers Conference, short courses, and monographs. These subgroups were dissolved over time and completely gone by 2000.

The division also hosted the Structural Fibrous Materials committee from 1959 to 1973. The scope of this group was cellulose fibers as used in insulating and thick boards. In 2009, the Microbiology & Microbial Technology Committee joined the Paper & Board division, having been an independent committee since 2001, when the Research & Development Division dissolved. This committee has a long history, starting as the Bacterial Control Methods Committee in 1940. In 1949 the name was changed to the Microbiological Control Committee, and changed again in 1951 to the Microbiological Committee. In 1982 the name was changed to the Microbiological & Microbial Technology Committee.

In the early days of the conversions from acid to alkaline papermaking, many concerns existed about how to print these new papers and also how much permanence did they have from an archival standpoint. From 1989 to 2001, the division sponsored an ad hoc committee called Paper Permanence. This group worked to educate the printing and graphic arts community and also to help set new standards with other groups such as ASTM. The first chair of the group was Ellen McCrady of Abbey Publications who published the Alkaline Paper Advocate from 1988 to 1997. In 2002, she was recognized by the American Library Association for "significant contributions to the library and archives preservation field" and received the Banks/Harris Award.

In 1998, the division changed its name by dropping the word "Manufacture" to better reflect the broad range of topics and interest within division membership. Currently the division has three active committees, the Papermakers, Papermaking Additives, and Microbiology & Microbial Technology.

Thirty-eight volunteers have served in the chairman role. A complete list of past chairmen can be found below. In the early years, it was not uncommon for a chairman to serve from four to six years. Our second chairman, Pierre Drewsen, served 6 years. Interestingly, he moved to his old home town of Northampton MA during his term and never listed his company affiliation in the annual directory after that. He later became Mayor of Northampton from 1951-52. Today, rotation is every two years, with the change occurring at the conclusion of the technical conference (now called PaperCon) in even-numbered years.

Three past chairs have been recipients of the TAPPI Distinguished Service Award, Charles Klass, William Griggs, and Jonathan Kerr. One past chair, Charles Klass, has received the TAPPI Gunnar Nicholson Gold Medal Award.

Nine past chairs are shown in the photo below, taken at the 2002 Papermakers Conference. No such equivalent gathering of past chairs has occurred since this photograph.

The Paper and Board Division held the first Papermakers Conference in 1972 in Atlanta at the Sheraton Biltmore hotel with 198 in attendance. The division wanted to provide more technical information than what could be presented at the TAPPI Annual Meeting. The technical program chair was Alex Pociluyko of Scott Paper Company and conference chair was R B Porter with Moore & Munger. The program consisted of six

## Past Division Chairs in 2002



Front row left to right – Jim Atkins, Chuck Klass, Ellen Warner, Bill Stevens, Jonathon Kerr  
Back row left to right – Tom Rodencal, Diane Murdock, Joe Wilson, and Ben Thorp

sessions around the topics of (1) *Chemical Additives*, (2) *Mill Operational Aids*, (3) *Paper Machine Innovations*, (4) *Ecology, Recycling, Pollution Abatement*, (5) *Technology*, and (6) *Miscellaneous Applications*. The division was an early leader in joint events, partnering with the Testing Division in 1973 and Corrugating Division in 1975. Other joint events were to follow in 1997, 1998, 1999, and continuing forward since 2002. In 2007, the conference partnered with PIMA as an experiment. In 2008, this concept was expanded and branded as PaperCon and includes a large trade fair. PaperCon2014 drew 1800 attendees. A list of conference locations and chair persons is shown below.

## First Papermakers Conference - 1972



Delegates at work at one of the sessions.



A meeting of the Steering Committee for the Paper and Board Manufacturing Division at the Papermakers Conference.

Paper and Board has two division-level awards: the Leadership and Service Award and the Technical Award. The Leadership and Service award was founded in 1991. In 2006, the Oscar W May Prize was endowed as part of the award through contributions from Buckman Laboratories, TAPPI, and private donations. The Technical Award was founded in 1972, and includes the Harris O Ware prize, endowed in 1980 by the Preco Corporation.



Harris O Ware



Oscar W May

Oscar May played various roles in Paper and Board Division, the Additives Committee, and Papermakers Conference. He was a TAPPI Board Director and a TAPPI Fellow. Harris O Ware was a TAPPI Fellow, served on the board of directors, and served as TAPPI President. He was the very first recipient of the TAPPI Distinguished Service Award.

In addition to these awards the division supports the Jasper Mardon Memorial Prize, which is awarded for best papermaking paper presented at PaperCon. This award was established in 2001 by a group of friends and colleagues of Jasper Mardon. The best paper is chosen post-conference and awarded at the next year's conference.

Education has long been a part of the division. The first short course, Retention of Fine Solids, was organized in 1973 and had 88 attendees and was repeated in 1975. This was followed by Wet End Operations in 1976 with 107 attendees. Since then, there have been over 20 different courses presented, some with basic training materials repeated over many years, while others organized in response to hot topics of the time. In total, the division has educated over 13,000 individuals with its seminars and courses. In the last few years, committees within the division conduct short webinars lasting about one hour each, in addition to the traditional on-site courses. Special mention goes to James McNamee who chaired the Wet End Operations course for 17 years and also the Twin Wire Seminar for 4 years. Jim McNamee received the Distinguished Service Award in 1989 for his special efforts in education.

The division also has a scholarship fund with several awards made each year to students in pulp and paper programs. The PaperCon Fun Run serves as the primary source of monies for the program. The division presents the scholarship awards at PaperCon. For many years the program was run by Jim Ishmael and today run by Jeff Reese.

## First Wet End Operations Short Course in 1976



Course Chairman Jasper Mardon of Omni Continental in discussion with participants of the Wet End Operations Short Course.

## Early Papermakers Committee Meetings

### Fourdrinier Committee – 1959



Fall meeting of the Fourdrinier Committee held at the Towne House Motor Inn, Rochester, N. Y., on Monday, Oct. 26, 1959. Standing (left to right): P. H. Hershey, P. H. Glatfelter Co., Spring Grove, Pa.; H. H. Mullins, Olin Mathieson Chemical Corp., W. Monroe, La.; A. E. Levensailor, International Paper Co., Mobile, Ala.; R. N. King, Nash Engineering Co., S. Norwalk, Conn.; C. L. Brown, Crossett Paper Mills, Crossett, Ark.; R. Fraser, Manitoba Paper Co., Pine Falls, Me.; S. J. Leishman, Provincial Paper Co., Ltd., Thorold, Ont.; H. H. Morton, Paper Mill Superintendent, Cumberland Mills, Md.; J. Hannigan, International Paper Co., Corinth, N. Y. Seated (left to right): A. J. Winchester, TAPPI, New York, N. Y.; R. W. Peters, Eastman Kodak Co., Rochester, N. Y.; R. C. Masterson, International Paper Co., Glens Falls, N. Y.; W. H. Kennedy, The Black Clawson Co., Watertown, N. Y.; J. E. Schud, Consolidated Water Power & Paper Co., Wisconsin Rapids, Wis.

### Fourdrinier Machine Committee - 1971



TAPPI Fourdrinier Machine Committee during lunch break at the Eastman Kodak meeting (left to right): Seated, H. P. Petzold, consultant; J. H. Cowan, E. B. Eddy; J. B. Mulford, Nash Engineering; R. A. Moore, Union Camp; D. D. Anderson, International Paper; M. L. Papesh, Beloit; R. J. Porter, International Paper; R. W. Peters, Eastman Kodak; J. P. McNamee, Stowe-Woodward; Standing, M. S. Green, Appleton Manufacturing; W. Atkinson, Dominion Engineering Works; T. Haggblom, Ahlstrom; J. W. Penney, Consolidated-Bathurst; D. Brown, Black Clawson-Kennedy; J. M. Nyein, International Paper; W. J. Barry, Industrial Nucleonics; R. W. Martinek, Kimberly Clark; J. H. Austin, Black Clawson; W. H. Griggs, Eastman Kodak; L. R. Hall, P. H. Glatfelter; and W. H. Dutt, Albany Felt.

## Paper and Board Division Chairs

Year	Chair	Company	Location
14-16	Rosy M Covarrubias	Buckman Laboratories	Memphis, TN
12-14	Lawrence S Anker	Ashland Company	Sparta, NJ
10-12	John A Neun	Albany International	Albany, NY
08-10	T Philips Oriaran	Georgia-Pacific	Neenah, WI
06-08	Gerald M Dykstra	Buckman Laboratories	Memphis, TN
04-06	David L Forsman	Marathon Engineers/Architects	Appleton, WI
02-04	Thomas E Rodencal	Georgia-Pacific	Atlanta, GA
00-02	Jonathon C Kerr	Andritz-Ahlstrom	Glens Falls, NY
98-00	Lynden J Stryker	Specialty Minerals	Easton, PA
96-98	L Diane Murdock	JWI Group	Jonesboro, GA
94-96	Ellen Warner	Eastman Kodak	Rochester, NY
92-94	Joseph Wilson, Jr	Henkel Corp. & Lion Industries	Charlotte, NC & Midway, GA
90-92	Benjamin A Thorp	James River	Richmond, VA
88-90	William V Stevens	Beloit, Jones Division	Dalton, MA
86-88	Oscar W May	Buckman Laboratories	Memphis, TN
84-86	James W Atkins	James River	Norwalk, CT
82-84	Larry A Gaspar	National Starch & Chemical	Bridgewater, NJ
80-82	Charles P Klass	Asten Group	Devon, PA
78-80	L Henry Smaine	P H Glatfelter	Spring Grove, PA
76-78	William H Griggs	Eastman Kodak	Rochester, NY
74-76	Donald D Anderson	International Paper	Mobile, AL
72-74	William R Sherman	S D Warren	Westbrook, ME
70-72	R Byram Porter	Moore & Munger	Stamford, CT
70-71	Dan W Manson	Oxford Paper	Rumford, ME
68-70	James J Higgins	Packaging Corporation of America	Grand Rapids, MI
65-68	Ralph W Peters	Eastman Kodak	Rochester, NY
63-65	William H Kennedy	Black Clawson Kennedy	Watertown, NY & Montreal, QE
59-62	Roscoe C Masterman	International Paper	Glens Falls, NY
57-59	Fredrick S Klein	Byron Westin	Dalton, MA
56-57	Donald J Goodman	The Sorg Paper Co	Middletown, OH
54-56	Harry C Moore	Beloit Iron Works	Beloit, WI
53-54	Richard P Price	Hammermill Paper	Erie, PA
49-52	A L Sherwood	Sutherland Paper	Kalamazoo, MI
48-49	John B Davis	Dill & Collins	Philadelphia, PA
47-48	James A Wise	Kalamazoo Paper	Kalamazoo, MI
45-47	Pierre Drewsen	Unknown	Northhampton, MA
42-44	Pierre Drewsen	Hinde & Dauch Paper	Sandusky, OH
38-42	G Lamont Bidwell	Riegel Paper	Riegelsville, PA

## Paper and Board Conference Locations and Chairs

Year	Conference Name	City	Hotel	Conference Chair (P&B only)	Technical Program Chair (P&B only)
1972	Papermakers	Atlanta	Sheraton-Biltmore	R Byram Porter-Moore & Munger	Alex Pocoluyko-Scott Paper
1973	Papermakers & Testing	Milwaukee	Marc Plaza	Charles S Sweitzer-Brown Paper Co.	J. Chazin-Oxford Paper
1974	Papermakers	Boston	Sheraton	Don D Anderson-International Paper	William Griggs-Eastman Kodak
1975	Corrugated & Papermakers	Dallas	Fairmont	William Griggs-Eastman Kodak	L. H. Smaine-P.H.Glatfelter
1976	Papermakers	Atlanta	Peachtree Plaza	L. Henry Smaine-P.H.Glatfelter	Charles Klass-Lockport Felt
1977	Papermakers	Chicago	Holiday Inn	Charles Klass-Lockport Felt	William Kreiling-International Paper
1978	Papermakers	Atlanta	Marriott Motor Hotel	L. Henry Smaine-P.H.Glatfelter	William Stevens-Beloit Jones
1979	Papermakers	Boston	Copley Plaza	Charles Klass-Asten	Larry Gaspar-National Starch & Chemical
1980	Papermakers	Atlanta	Colony Square	Charles Klass-Asten	James Atkins-International Paper
1981	Papermakers	Chicago	Holiday Inn Mart Plaza	Larry Gaspar-National Starch & Chemical	Oscar May-Buckman Laboratories
1982	Papermakers	Atlanta	Sheraton	Larry Gaspar-National Starch & Chemical	Thomas Liu-ASCOE Felts
1983	Papermakers	Portland	Marriott	James Atkins-International Paper	John Lesure-Appleton Mills
1984	Papermakers	Atlanta	Sheraton	James Atkins-International Paper	John Unbehend-ESPRI
1985	Papermakers	Denver	Marriott	Oscar May-Buckman Laboratories	William Scott-Miami University
1986	Papermakers	New Orleans	Marriott	Oscar May-Buckman Laboratories	Benjamin Thorp-James River
1987	Papermakers	Atlanta	Hyatt Regency	William Stevens-Beloit Jones	Joseph Antku Jr-Beloit Jones
1988	Papermakers	Chicago	Palmer House	William Stevens-Beloit Jones	Jerry Gess-Weyerhaeuser
1989	Papermakers	Washington, DC	Hilton & Towers	Benjamin Thorp-James River	David Dumas-Hercules
1990	Papermakers	Atlanta	Westin Peachtree Plaza	Benjamin Thorp-James River	David Farnsworth-Nash Clark & Vicario
1991	Papermakers	Seattle	Westin	Joseph Wilson Jr-Henkel	Ellen Warner-Eastman Kodak
1992	Papermakers	Nashville	Opryland	Joseph Wilson Jr-Henkel	Harold Goldsberry-American Cyanamide
1993	Papermakers	Atlanta	Marriott Marquis	Ellen Warner-Eastman Kodak	Ron Welborn-ABB Industrial Drying
1994	Papermakers	San Francisco	Marriott	Ellen Warner-Eastman Kodak	Elmer Martinez-Bordon
1995	Papermakers	Chicago	Marriott	Diane Murdock-JWI Group	Jonathan Kerr-Black Clawson
1996	Papermakers	Philadelphia	Marriott	Diane Murdock-JWI Group	James Clay-Skanska E&C
1997	Papermakers & Engineering	Nashville	Opryland	Lynden Stryker-Specialty Minerals	John Rogers-Sunds Defibrator
1998	Papermakers & Coating	New Orleans	Sheraton	Lynden Stryker-Specialty Minerals	Martin Beck-Frucon
1999	TAPPI99	Atlanta	Georgia World Congress Center	Lynden Stryker-Specialty Minerals	Jonathan Kerr-Thermo Black Clawson
2000	Papermakers	Vancouver	Hyatt and Hotel Vancouver	Lynden Stryker-Specialty Minerals	Jonathan Kerr-Thermo Black Clawson
2001	Papermakers	Cincinnati	Omni Netherlands	Jonathan Kerr-Andritz	Thomas Rodencal-Georgia-Pacific
2002	Technology Summit	Atlanta	Georgia World Congress Center	Jonathan Kerr-Andritz	Thomas Rodencal-Georgia-Pacific
2003	Spring Technical	Chicago	Sheraton	Thomas Rodencal-Georgia Pacific	David Forsman-Marathon Engineers
2004	Paper Summit	Atlanta	Georgia World Congress Center	Thomas Rodencal-Georgia Pacific	David Forsman-Marathon Engineers
2005	Paper Expo	Milwaukee	Hilton City Center	David Forsman-Marathon Engineers	Gerald Dykstra-Buckman
2006	Papermakers & Coating	Atlanta	Marriott Marquis	David Forsman-Marathon Engineers	Gerald Dykstra-Buckman
2007	Papermakers & Int'l Leadership	Jacksonville	Hyatt Regency	Gerald Dykstra-Buckman	Philips Oriaran-Georgia-Pacific
2008	PaperCon '08	Dallas	Adams Mark	Thomas Rodencal-Domtar	Philips Oriaran-Georgia-Pacific
2009	PaperCon '09	St. Louis	Renaissance	Larry Anker-Ashland	Eric Wagner-MeadWestvaco
2010	PaperCon 2010	Atlanta	Hyatt Regency	Frank Sutman-Ashland	John Neun-Albany International
2011	PaperCon 2011	Covington	Northern Kentucky Convention Ctr	John Neun-Albany International	Larry Anker-Ashland
2012	PaperCon 2012	New Orleans	Sheraton	John Neun-Albany International	Larry Anker-Ashland
2013	PaperCon 2013	Atlanta	Hyatt Regency	Keith Kemp-AstenJohnson	Rosy Covarrubias-Buckman
2014	PaperCon 2014	Nashville	Renaissance	Keith Kemp-AstenJohnson	Rosy Covarrubias-Buckman
2015	PaperCon 2015	Atlanta	Georgia World Congress Center	Rosy Covarrubias-Buckman	Gary Nyman-International Paper

Note: For joint events, the chairs listed are for Paper and Board