

Over 1100 attend TAPPI Pulping Conference

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Historic Boston, MA, provided a comfortable setting for the 1992 TAPPI Pulping Conference held Nov. 1-5. More than 1100 attendees had 39 technical sessions and 19 roundtable discussions to select from during the new four-day format for the Pulp Manufacture Division's annual technical meeting. Richard J. Spangenberg, Weyerhaeuser Paper Co., was the conference chairman. Ian J. Clarke-Pounder, recently retired from the IMPCO Division of Ingersoll-Rand, was the technical program chairman.

Opening awards session

The Pulping Conference traditionally opens with an awards and keynote address session. Joseph A. Kurdin received the 1992 Pulp Manufacture Division Technical Award and Johan C.F.C. Richter Prize which carries a US\$ 1000 honorarium made possible by a gift to TAPPI from Kamyr and Tampella Sandy Hill. Kurdin has been a pioneer in refiner mechanical pulp development, application and marketing during the past four decades. Over 40 technical papers have been presented by this active TAPPI member. He is a longstanding contributor to college pulping seminars and an active member of TAPPI Local Sections. Kurdin continues active industry involvement after his retirement.

Joseph A. Kurdin, left, received the Johan C.F.C. Richter Prize from **Joseph R. Phillips** of Kamyr Inc.



Wells E. Nutt, president of Union Camp Technology, was honored with the 1992 Pulp Manufacture Division Leadership and Service Award and Joseph K. Perkins Prize which carries a US\$ 1000 honorarium made possible by a gift to TAPPI from the IMPCO Division of Ingersoll-Rand. The scholarship honorarium will be presented to the University of Mississippi Chemical Engineering Scholarship Fund.

For over 25 years, Wells has provided consistent leadership in the Southeastern Local Section of TAPPI, a number of Board and TOC Committees and most recently, the Pulp Manufacture Division. As a Division officer, Wells focused on the needs of mills and mill involvement in TAPPI. Wells was made a TAPPI Fellow in 1990.

W. Densmore Hunter, department manager of process research and development at Weyerhaeuser Paper Co., was awarded the 1991 Pulp Manufacture Division Best High Impact Paper Scholarship Award for "ASAM pulping of Douglas-fir and chlorine-free bleaching." The paper, coauthored by Hunter, and Martin Zimmermann, Rudolf Patt, and Othar Kordsachia of the Institute of Wood Chemistry and Chemical Technology of Wood, was published in *Tappi Journal* (Nov. 1991, pp. 129-134). Hunter requested that the US\$ 1000 scholarship that accompanied the award be entrusted to the University of Hamburg.

The Joseph K. Perkins Prize was awarded to **Wells E. Nutt** by **Patrick D. Murphy** of Ingersoll Rand Co., IMPCO Division.



Conference Report

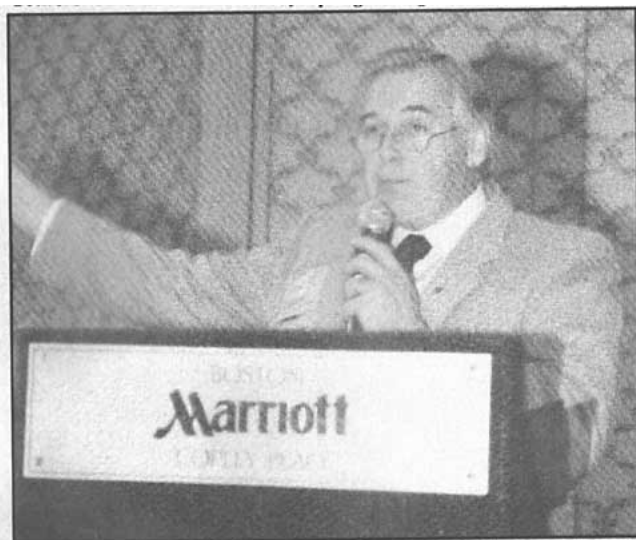
Lewis D. Shackford, chairman of the Alkaline Pulping Committee, presented the 1991 David Wetherhorn Award to **Ronnie G. Hise**.



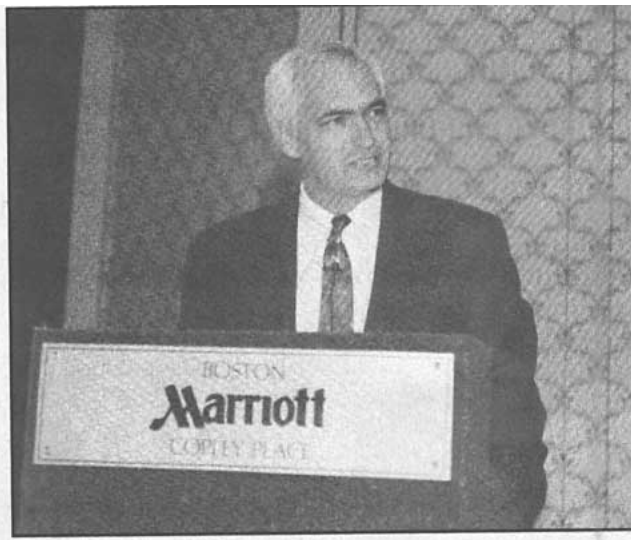
W. Densmore Smith accepted the 1991 Pulp Manufacture Division Best High Impact Paper Scholarship Award.



Conference Chairman **Richard J. Spangenberg**



Opening Session Keynote Speaker **Lowell Catlett**



Ronnie G. Hise, Westvaco Corp., received the 1991 David Wetherhorn Award for "The effect of brownstock washing, split addition of chlorine and pH control in the C-stage formation of AOX and chlorophenols." The paper, coauthored by Robert C. Streisel and Alan M. Bills (both also with Westvaco) was published in *Tappi Journal* (Feb. 1992, pp. 57-62).

Certificates of Appreciation were awarded to outgoing committee leaders. Recognized for their personal contributions to the success of their committees were Cynthia R. Barlow (chairwoman, Southeast Technical Management Committee, 1992), and Robert A. Hentges and Michael Jackson (Sulfite and Semichemical Pulping cochairmen, 1991-1992).

Lowell Catlett, professor of agricultural economics and agricultural business at New Mexico State University, gave an enthusiastic keynote address to open the conference. Noting that "chance favors the prepared mind," Catlett told his audience that

time is the currency of the '90s, speed is the base of that currency, and the world belongs to those who are willing to look beyond the frame we see before us. He urged that we "look around the corner" and outlined some intriguing options for the future of technology in our lives. Will we be soon using nanorobots to measure kappa number in pulping?

Technical program

This year's technical program featured several emerging technological developments and a continued emphasis of current technology trends. Biotechnology is finding application in pulp bleaching. Papers presented by employees of Iogen Corp., ICI Canada Inc., Repligen Sandoz Research Corp., and Novo Nordisk A/S and Novo Nordisk Bioindustrials Inc. focused on enzyme treatment of pulp to enhance pulp bleaching response. Ozone bleaching pilot scale experience was reported by employees of

E.B. Eddy Forest Products, and Union Camp Corp. reported results on their full-scale process.

Secondary fiber utilization was covered in a broad series of technical sessions. Ozone, peroxide, and oxygen bleaching of secondary fiber are being studied as methods to further upgrade deinked pulp. Color stripping and color addition were both reported as successful treatments following conventional deinking. Contaminant removal continues to focus on stickies and other adhesive residues.

Kraft pulping technology received broad coverage. Modelling and simulation were highlighted in several papers, including the 1992 David Wetherhorn Award paper. L. Brunner and T. L. Pulliam of BE&K Engineering will receive this award for the best Alkaline Pulping Session paper. The paper is scheduled to be published in a future edition of *Tappi Journal*.

Papers about kappa variability, anthraquinone addition, extended delignification, and yield increase, and numerous papers on the relationship of chip quality and pulp mill operations

provided the attendees with tough decisions on which sessions to attend.

Solvent pulping continues to emerge as a commercially viable alternative to traditional chemical pulping processes. In addition to a roundtable panel, a one-and-one-half-day Solvent Pulping Symposium was held after the Pulping Conference. This provided in-depth coverage of commercial, pilot-scale and research work on solvent processes.

The industry continues to focus attention on the reduction and elimination of chlorine in bleaching processes. In addition to substitution of other oxidative agents such as ozone, oxygen, and hydrogen peroxide, several research papers reported success in treating pulps with other chemicals. Peracetic acid, peroxymonosulfate, and activated oxygen were among those reported at this conference.

The 1993 Pulping Conference will be held in Atlanta, GA on Nov. 14-18, 1993 at the Westin Peachtree Plaza. **■**

5K walk-and-run

In the rainy dawn of November 3, a hearty group of walkers and runners arose to the challenge of a 5K walk-and-run along the Charles River. The run, organized by Industra Inc., and cosponsored by Albany International, Black Clawson Co., BE&K, and *Pulp and Paper* and *Pulp and Paper International* magazines, raised funds for the pulp and paper foundations and scholarship programs of Auburn University, the Institute of Paper Science and Technology, Miami University, North Carolina State University, the University of Maine,

the University of Minnesota, and the University of Washington.

Seven of the 59 registrants won places at the finish. In running, in the men's division, Petri Kirenlimpi took first place; Norbert Nimmerfroth came in second. Carol Babb placed first and Eve Muchmore captured second place in the women's run. Jim Patterson won first place in the Masters run and Shirley Fondow strolled her way to first place in the Walk category.

Runners and walkers take their mark....

