

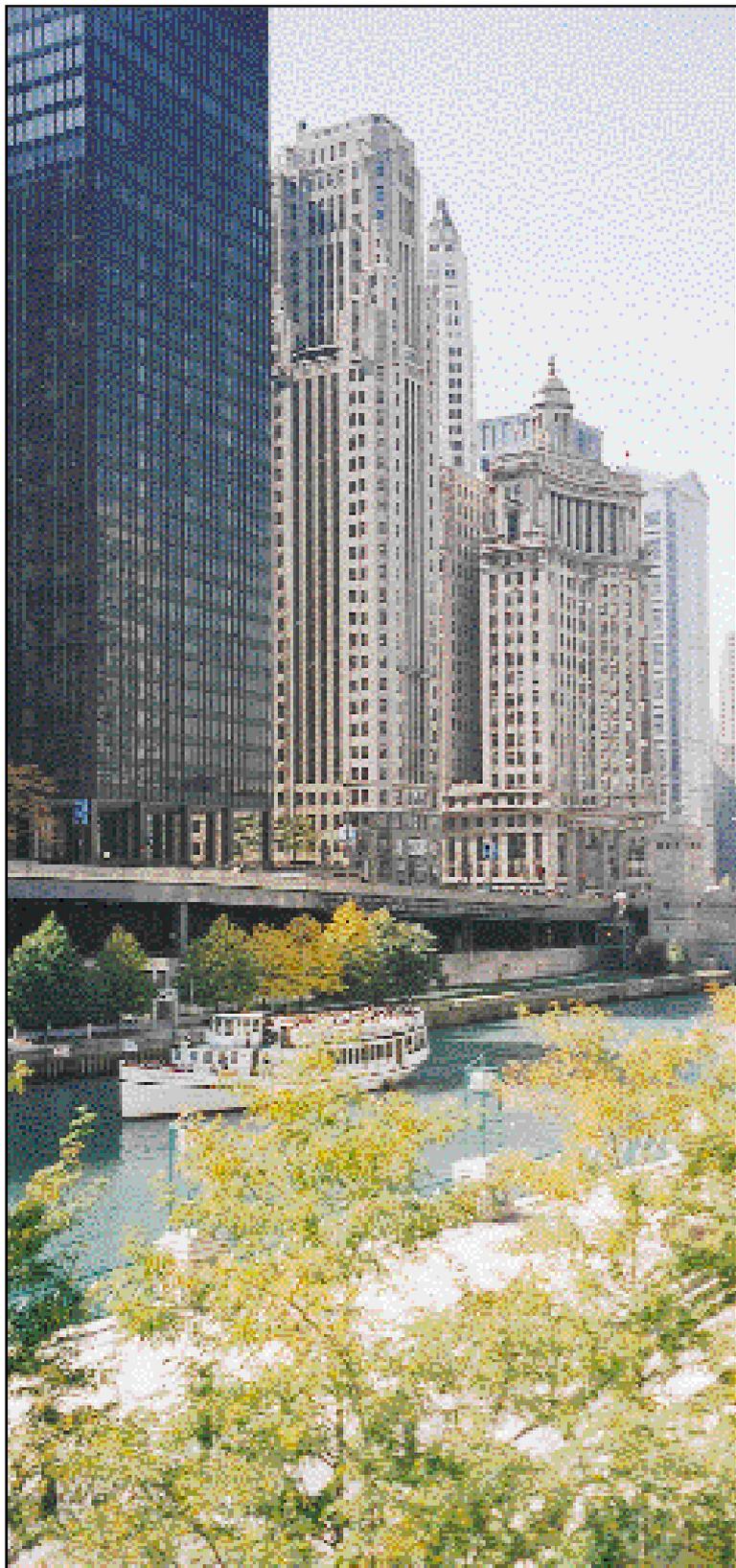
# 1995 PULPING CONFERENCE SUCCEEDS WITH OPPORTUNITIES TO PARTICIPATE

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**T**HE 1995 PULPING CONFERENCE RETURNED TO Chicago last fall, with an expanded program for attendees. In addition to the conference, TAPPI's Pulp Manufacture Division held joint sessions one of the days with the AIChE Forest Products Division. The first TAPPI Global Fiber Supply Symposium, held in cooperation with the USDA Forest Service, also attracted technical, planning, fiber supply, and management attendees from around the world.

During the opening session of the main conference, Lewis D. Shackford, manager of products and technology for Ingersoll-Rand, was honored with the 1995 Pulp Manufacture Division Leadership and Service Award and the Joseph L. Perkins Prize. Shackford has been an influential leader of the Alkaline Pulping Committee and a devoted educator in TAPPI's Brown Stock Washing Short Course for the past 15 years. William G. Strunk, technical service specialist for FMC Corp., received the 1995 Pulp Manufacture Division Technical Award and Johan C.F.C. Richter Prize in recognition of his technical contributions in pulp bleaching with hydrogen peroxide and other nonchlorine bleaching technology.

The 1994 Pulp Manufacture Division Best High Impact Paper Scholarship Award was presented to James M. Herrmann of Augusta Newsprint for his paper entitled "Trends in TMP performance at Augusta Newsprint." The paper was published in the October 1995 *Tappi Journal* (p. 95). The Alkaline Pulping Committee awarded its David Wetherhorn Award to Hasan Jameel of North Carolina State University for his paper entitled "Extended



Chicago hosted the 1995 TAPPI Pulping Conference

**TAPPI President Jack Chinn, keynote speaker Michael Broome, and Conference Chairman Ian J. Clarke-Pounder**

delignification with AQ/polysulfide" that was presented at the 1994 Pulping Conference. The paper was co-authored with Josef Gratzl, Duggirala Y. Prasad, and Sreeram Chivukula. It was published in the September 1995 *Tappi Journal* (p.151).

In recognition of their service in the Division and their respective committees, Certificates of Appreciation were presented to several retiring officers: Ian Clarke-Pounder (Division chairman), Conrad Cornell (Alkaline Pulping), Randy Piggott (Fiber Raw Material Supply), John MacBrayne (Mechanical Pulping), Sigifredo Gonzales (Nonwood Plant Fibers), Mark Hallenbeck (Pulp Bleaching), John Klungness (Fiber Recycling), Ed Ellis (Southeast Technical Management), John Hinck (Sulfite and Semi-chemical), and Stan Parton (Supplier Advisory).

Practical help in problem solving continues to be an important role for the Division short courses and conferences. In response to this need, the operational-issues roundtable breakfasts were expanded to two mornings during the Pulping Conference. It was standing room only and additional topics are planned for this year.

Poster sessions were added to the program in 1995 under the direction of Jim Thompson, of Thompson Avant International. By locating the coffee breaks in the poster session rooms, the attendees could enjoy refreshments and casually talk to presenters about a wide range of new research, technology, and equipment developments.

The Nonwood Plant Fibers Committee celebrated its 25 years of contributions to the Division. Joseph E. Atchison, one of the founders of the Committee, presented historical highlights and technical progress in use of nonwood fiber around the world. Nonwood fibers continue to grow in importance, and the global membership continues to grow.

Totally chlorine-free and elemental chlorine-free bleaching, reduction of AOX formation, and closed mill technology dominated the pulp bleaching sessions. Ozone bleaching was featured in a well-attended roundtable discussion led by R. W. Lewis of CRS Serrine.

The availability of clean recycled paper has increased the need for improved deinking and contaminant removal technology. A roundtable on recycling waxed coated cartons and technical sessions on deinking, color measurement, and color removal from mixed office papers were timely and the room was filled to capacity.

Optimization of chemical pulping processes was the focus of papers on chip screening, oversized chips, pulp yield, pulping additives, and extended delignification. Mechanical pulping papers covered TMP strength, energy consumption, and improved refining.

A session on Futuristic Fiber Supply provided a forecast of how taking advantage of fiber fundamentals,



**Poster sessions offered a chance to discuss papers.**

genetic improvements in fiber properties, and fungal treatment of chips in storage will improve the fiber supply situation. This session set the stage for the Global Fiber Supply Symposium starting the next day.

The Global Fiber Supply Symposium was a very timely discussion of fiber supply trends in the major forest growth regions of the world. In his opening address, Jim McNutt of Jaakko Pöyry focused on the continuing, rapid global population growth and the future demands for fiber. He emphasized that technology is a key to meeting this need. The contrast between intensively managed tropical forests and the extensive temperate and Northern Tier forests emphasized the relative fiber scarcity we face. Wood is not necessarily available near the mills that need it. The forest sustainability session contrasted the varying definitions of sustainability from the environmental, public, and industry viewpoints. Bill Scott of Miami University of Ohio proposed a method for quantifying the impact of strategies on key sustainability measures. Presentations on fast-growing fiber plantations, nonwood fibers, and recycling offered solutions to the fiber supply problem apart from conventional forest



**Jim Herrmann receives the "High Impact Paper" award from George Kubes.**

management. Bob Hagler, Wood Resources International, provided an excellent summary of the fiber situation. In his summary of the Symposium, he emphasized that we are leaving an era of fiber abundance and entering a period of relative fiber scarcity.



**Conrad Cornell congratulates Hasan Jameel on receiving the David Wetherhorn Award**

The 1996 Pulping Conference will be held at the Opryland Hotel in Nashville, TN, on Oct. 27-31, 1996. Dan Blevins, Dow Chemical USA, will be the conference chairman. **TJ**

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