

EuCePa Conference and SPCI exhibit in Stockholm draw from 21 countries in the papermaking world

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The 1990 EuCePa Conference and the 1990 SPCI exhibit, held jointly on May 8-11 at the international fair facilities in Stockholm, Sweden, drew participants and visitors from around the papermaking world.

There were 1203 exhibitors from 21 countries occupying 360 stands in the 25,000 m² (250,000 ft²) of exhibit space. The papers delivered at the conference dealt with control, maintenance, environment, paper technology, and paper and board products for printing, pulp technology, and energy.

A total of 1735 people registered for the conference and, according to the fair's administration, 21,384 visitors registered to attend the exhibits.

The four-day-long event was organized for EuCePa (European Liaison Committee for Pulp and Paper) by the paper engineers associations of Denmark, Finland, Norway, and Sweden. The conference's main theme was "Paper and board products for printing in the nineties" (PRINT). The presentations were translated from English simultaneously into German and French.

The conference's second theme was "New available techniques and current trends" (NAT).

PRINT sessions

The PRINT sessions were intended mainly for consumers and makers of printed paper and paperboard and consisted of three days of presentations, followed by visits to companies in each of the four host countries.

The NAT sessions were meant for all kinds of paper industry technical specialists.

The presentations were made during three parallel sessions.

Bo Fahlin, senior advisor to the president of MoDo, Stockholm, and president of EuCePa, said the program was designed to offer all technicians in the paper industry something of interest presented by very competent speakers.

The PRINT section of the conference was begun with an address by Sweden's King Karl XVI Gustaf, followed by two-and-one-half days of sessions. The keynote speeches and many other presentations had an overview character and reported the state of the art. They were generally well-prepared, well-presented, and very informative.

Two papers of special interest were presented by Ernesto Musumeci, Arnoldo Mondadori Editore (SPA), Italy, and Heikki Huhtanen, Sanoma Oy, Finland. Musumeci talked about printing quality requirements and Huhtanen spoke on newsprint. Each formulated well-founded opinions about the expectations for paper quality.

NAT sessions

The NAT section lasted for three-and-one-half days and was a blend of keynote speeches and shorter presentations. The keynote speeches were well-prepared, and the majority of the papers gave good information even if the stress was more on the available than on the new.

The sessions about paper chemistry and drying had the largest number of presentations. In the paper chemistry sessions, in one of the rare contributions made by a mill, Graham Street, UK Paper, talked about the control of paper quality with a retention control device. In addition, Ludwig Hauser, Voith, gave an excellent presentation of modern drying concepts.

The wet-end pressing sessions contained one of the few controversial papers. Antti Palogangas, Tamfelt Oy, explained how he had increased dryness in wet pressing with a vacuum felt, although the audience did not seem to agree with his interpretation of the results.

Pulp technology

Several papers presented at the pulping sessions dealt with environmental aspects of bleached pulp production. They focused especially on chlorinated organic matter, since these compounds are regulated, or will soon be regulated, in several countries.

Presentations by Seppo Hiljanen, Sunds Defibrator, and E. Åke Backlund, Kamyr AB, dealt with the combination of extended delignification in draft cooking. Oxygen delignification is now an established process, and systems for extended delignification are available for both batch and continuous cooking.

Peter Axegård, STFI, gave a paper in which he stated that internal measures that lead to a decreased consumption of molecules result in the best method to decrease the discharge of chloro-organic matter (adsorbable organic halogen, or AOX). The generation of highly chlorinated substances (priority pollutants such as chlorinated phenols, dioxins, furanes, and chloroform) is decreased, he said, to a much greater extent than AOX when the chlorine use is decreased.

Göran E. Annergren, SCA Research AB, said in his presentation that environmental harmonization requires both internal and external measures such as biological effluent treatment. The choice of relevant goals and parameters to monitor this is important, he said.

A new bleaching process called Lignox was presented by Eka Nobel. The process is for the production of fully bleached kraft with a very low discharge of chloro-organic

compounds. In the process, oxygen-delignified pulp is treated with a chelating agent instead of chlorine in the first stage, followed by an alkaline peroxide stage. The pulp is then bleached to full brightness in three conventional stages: D(E + P)D. The AOX discharge is claimed to be 0.3 kg/ton moisture free, which is a record low level

for a commercial process. Mill-bleached pulp sheets were also displayed.

The process is so new that the mill trials were not complete when the manuscripts were submitted for the conference. □

***Nightcap Party* brings together guests from 10 countries during 1990 EuCePa Conference and SPCI Exhibit**

The *Nightcap Party* sponsored by TAPPI during the EuCePa Conference and SPCI exhibit was attended by guests from the pulp and paper industry in 10 countries.

The event was held on the evening of May 8 at the Sheraton Hotel, Stockholm, Sweden. More than 50 invited guests took part in the festivities.

Bo Fahlin, MoDo, Sweden, and his wife **Monica** pause during the *Nightcap Party*. Fahlin is also the president of the European Liaison Committee for Pulp and Paper (EuCePa).



TAPPI President **Clarence H. Hornsby, Jr.**, Bowater Inc., and his wife **Lynn** greeted the guests at the *Nightcap Party*.



Wayne H. Gross, TAPPI's director of International Operations and Exhibits, said, "Everyone had an opportunity to renew old acquaintances and make new ones. It was an enjoyable party and a rare one, in that the geographical representation was so wide."

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David Clark (left), executive director, European Paper Institute, adjusts his cap during the *Nightcap Party* and chats with **Jaroslav Tauc**, president of the editorial advisory board of *Papir a celuloza*, the journal of the Czechoslovak pulp and paper industry.



Francis R. Marchetti, Engelhard Corp., TAPPI Board member and chairman of TAPPI's International Committee, enjoys a talk with **Maria Teresa Culicchi** at TAPPI's *Nightcap Party*. Maria Culicchi's husband Paolo Culicchi, Italcarta SPA, is a former president of EuCePa and of ATICELCA, the Italian pulp and paper association. He is also a TAPPI Fellow.

