

# PROCEEDINGS

## 22nd SOUTHERN FOREST TREE IMPROVEMENT CONFERENCE

June 14-17, 1993  
Atlanta, Georgia



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**THE SOUTHERN FOREST TREE IMPROVEMENT COMMITTEE**  
IN COOPERATION WITH  
**The Institute of Paper Science and Technology**  
**Georgia Forestry Commission**  
**USDA Forest Service-Southern Region**  
**The University of Georgia Cooperative Extension Service**

Proceedings of the 22nd Southern Forest Tree Improvement Conference  
Compiled by Clark W. Lantz and David J. Moorhead

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**Sponsored Publication No. 44 of the  
Southern Forest Tree Improvement Committee**

## FOREWARD

The 22nd Southern Forest Tree Improvement Conference was held at the Holiday Inn - Buckhead, Atlanta, GA. The conference was sponsored by the Southern Forest Tree Improvement Committee, in cooperation with the Institute of Paper Science and Technology, the Georgia Forestry Commission and the USDA Forest Service - Southern Region. There were 176 registrants representing 21 states and six foreign countries.

A total of 59 presentations, four invited and 55 involuntary, were given. The voluntary papers were evaluated by the Southern Forest Tree Improvement Committee for the \$200 Tony Squillace Award (best oral presentation/written paper). The paper Diagnosing low seed and cone yields from controlled pollination of southern pines; by D.L. Bramlett was selected to receive the Squillace Award. Congratulations to Dave for an outstanding contribution!

Fifteen posters were exhibited during the conference. The Baruch Foundation award of \$100 for best poster was presented to Dario Grattapaglia and Ronald Sederoff. Their poster was entitled: QTL Mapping in Eucalyptus using Rseudo-Testcross RAPD maps, Half and Full-Sib Families. Congratulations to Dario and Ron for an outstanding poster!

22nd SFTIC Conference Committee:

James L. McConnell, Chair (USDA Forest Service - Retired)  
Ronald J. Dinus - Institute of Paper Science and Technology  
Timothy LaFarge - USDA Forest Service  
Clark W. Lantz - USDA Forest Service  
Russell Pohl - Georgia Forestry Commission  
Gaines T. Tibbs - USDA Forest Service

DEDICATION

PETER PAUL FERET  
1944-1993

BSF SUNY College of Forestry (Cum Laude)  
PhD University of Wisconsin, Madison

Professor of Forestry, Virginia Polytechnic  
Institute 1970-93

Chairman - Research and Graduate Studies,  
School of Forestry, VPI

SFTIC Chairman 1980-82

HARM ROELOF KOK  
1923-1993

BS + graduate studies Royal Dutch College of Tropical Agriculture; Deventer,  
Netherlands

Indonesia 1949-53 Established coffee, tea and rubber plantations

Ethiopia 1954-56 Established rice plantations

Florida Citrus Experiment Station 1957-59

University of Florida Cooperative Forest Genetics Research Program 1959-88

Steven Spurr Award 1988 (SAF)

THOMAS FRANKLIN SWOFFORD  
1913-1991

BSF University of Washington  
MF Yale School of Forestry

US Army (US + Phillipines) 1942-46

USDA Forest Service 1934-1940; 1946-1974  
Regional Geneticist - Southern Region 1959-74

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