



# textile engineering conference

october 4-5, 1962 . . . .



The Nelson Textile Building Auditorium  
NORTH CAROLINA STATE COLLEGE  
Raleigh, North Carolina

## "programing for processes and profits"

*jointly sponsored by*  
The Textile Industry Committee  
of the  
AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS  
*and the*  
Textile Engineering Division  
of the  
AMERICAN SOCIETY OF MECHANICAL ENGINEERS  
*in cooperation with*  
The School of Textiles  
of  
NORTH CAROLINA STATE COLLEGE



## An Invitation

On behalf of the sponsoring societies, we cordially invite you to attend the fall AIEE-ASME Textile Conference. This invitation is extended to all members of the textile industry.

Starting with Mr. T. I. Storrs' keynote address on "The Common Market and The Textile Industry" thru Friday's final paper on "Added Profit by Using a Computer," this meeting makes available a variety of timely and important papers. The papers were selected to provide the latest information on textile engineering to aid us in "Programming for Processes and Profits."

Again, we would like to extend a cordial invitation to the entire textile industry.

J. W. WARD — R. E. PARKER

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### CONFERENCE RESERVATION FORM

Please complete this form and mail it to:

MR. WILLIAM E. SMITH  
Joint AIEE-ASME Conference  
Room 113A, Nelson Hall  
N. C. State College School of Textiles  
Raleigh, North Carolina

I plan to attend the Joint AIEE-ASME Textile Conference.

I do \_\_\_ do not \_\_\_ plan to attend the banquet. Thursday, Oct. 4, 7:30 p.m.

I do \_\_\_ do not \_\_\_ plan to attend the football game. Saturday, Oct. 6, 1:30 p.m.

Name \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

AIEE \_\_\_\_\_ ASME \_\_\_\_\_ Non-Member \_\_\_\_\_

FEES PAYABLE AT CONFERENCE REGISTRATION. PLEASE DO NOT SEND REMITTANCE IN ADVANCE.

Please provide the above information for each person attending conference.

## Program

### WEDNESDAY, OCTOBER 3

3:00 p.m. — 9:00 p.m. REGISTRATION,  
Hotel Sir Walter

### THURSDAY MORNING, OCTOBER 4

9:00 REGISTRATION, Nelson Textile Building  
10:00 OFFICIAL OPENING OF CONFERENCE  
- Nelson Textile Building  
KEYNOTE ADDRESS, "The Common Market and the Textile Industry"—T. I. Storrs, Senior Vice President, North Carolina National Bank, Greensboro, North Carolina

#### SESSION I

CHAIRMAN: W. R. Becker  
District Manager, Louis Allis Company,  
Charlotte, North Carolina

10:30 RECOMMENDED PRACTICES FOR THE  
TEXTILE INDUSTRY:

(1) MECHANICAL DESIGNER'S VIEWPOINT

C. J. HAUG  
Warner and Swasey Company  
Cleveland, Ohio

(2) ELECTRICAL DESIGNER'S VIEWPOINT

D. G. JOSZA  
Warner and Swasey Company  
Cleveland, Ohio

11:15 (3) MAINTENANCE ARROW DIAGRAM  
PLANNING

R. C. STEINFELD  
E. I. du Pont de Nemours & Company  
Wilmington, Delaware

12:00 ANNOUNCEMENTS

12:15 LUNCHEON - College Union

LUNCHEON ADDRESS, "Effective Communications  
Between Engineers and Management" — N. T.  
Buddine, Chief Engineer, R. J. Reynolds Tobacco  
Company, Winston-Salem, North Carolina

### THURSDAY AFTERNOON, OCTOBER 4

#### SESSION II

CHAIRMAN: C. M. ASBILL  
School of Textiles, North Carolina State College,  
Raleigh, North Carolina

2:00 (4) AUTOMATION OF PACKAGE DYEING  
MACHINES

R. P. CRAIG, Vice President  
Gaston County Dyeing Machine Co.  
Stanley, North Carolina

2:45 (5) UNICONER AUTOMATIC CONING  
MACHINES

T. E. PITTS,  
Project Design Engineer  
Leesona Corporation  
Warwick, Rhode Island

3:30 BREAK

3:45 (6) E.P. 1 MACHINE AND EPS PROCESS  
JOHN CAMPLING  
Hobourn Aero Components  
Coventry, England

4:15 (7) PROGRAM FOR PROFIT IN  
TEXTURIZING  
R. F. WATERS, Manager  
Winding and Textured Yarn Machinery  
Sales  
Whitin Machine Works  
Whitinsville, Massachusetts

4:45 ANNOUNCEMENTS

### THURSDAY EVENING, OCTOBER 4

6:30 SOCIAL HOUR — Hotel Sir Walter

7:30 BANQUET — Hotel Sir Walter  
SPEAKER — BILL CURRIE, Station WVOT,  
Wilson, N. C.

### FRIDAY MORNING, OCTOBER 5

#### SESSION III

CHAIRMAN: J. H. ANDERER  
Manager, Textile Development and Services,  
Celanese Fibers Company, Charlotte, N. C.

9:00 (8) MATERIAL HANDLING IN TEXTILE  
MILLS

V. W. COOK,  
Charlotte District Manager  
The American Monorail Company  
Charlotte, North Carolina

9:45 INCREASED PROFIT BY INCREASED SAFETY:  
(9) ELECTRICAL FIRE HAZARDS

J. P. HAMILTON, Standards Engineer  
Factory Mutual Engineering Division  
Charlotte, North Carolina

(10) PRESSURE VESSELS HAZARDS

A. C. SALTER, Sr., Supervising Inspector  
Hartford Steam Boiler and Insurance Co.  
Atlanta, Georgia

10:30 BREAK

10:45 ADDED PROFIT BY USING A COMPUTER

(11) PART I

R. W. McCLOUD, Systems Engineer  
I.B.M. Corp.  
Greensboro, N. C.

(12) PART II

T. H. BLOODWORTH,  
Chief Systems Engineer  
Allis-Chalmers Manufacturing Company  
West Allis, Wisconsin

11:45 ANNOUNCEMENTS

FINAL ADJOURNMENT



## General Information

### ROOM RESERVATIONS

A block of rooms has been reserved at the Hotel Sir Walter. These rooms will be available until Friday, September 28, at which time all but a limited number of rooms not previously reserved will be released. Reservations must be made early to obtain accommodations. Please make all arrangements directly with the Hotel Sir Walter.

### REGISTRATION

Registration will be held in the lobby of the Hotel Sir Walter from 3:00 to 9:00 P.M. Wednesday, October 3. Beginning at 9:00 Thursday morning registration will be held at the Nelson Textile Building. The registration desk will be kept open during all sessions for the convenience of those attending. Please complete the attached advance registration form. Fees are payable at conference registration.

### FEES

Fees are to be paid during registration at the conference.

*Conference Registration* — \$10.00 non-members, guests and society members. The registration fee includes the luncheon on Thursday and a copy of the proceedings.

*Banquet* — Thursday — \$5.00 per person at the Hotel Sir Walter. An industry sponsored Social Hour will be held immediately preceding the Banquet.

### TECHNICAL SESSIONS LOCATION AND PARKING

The Technical Sessions are scheduled for all day Thursday and Friday morning. All papers will be presented in Nelson Textile Building Auditorium.

The Nelson Textile Building is approximately three miles from downtown Raleigh at the intersection of Hillsboro Street and Dan Allen Drive. When driving from the Hotel Sir Walter on U. S. 1 South (Hillsboro Street) N. C. State College is on the left and the Textile School is the last building on the campus.

Arrangements have been made for parking facilities in the vicinity of Nelson Textile Building. Detailed information will be available at registration.

### SOCIAL ACTIVITIES

*Luncheon* — A luncheon will be held at 12:15 Thursday at the College Union Building of N. C. State College, N. T. Buddine, Chief Engineer, R. J. Reynolds Tobacco Company, will give a talk on "Effective Communication Between Engineers and Management." The cost of the luncheon is included in the Conference Registration fee.

*Social Hour* — An industry sponsored Social Hour will be held at the Hotel Sir Walter at 6:30 P.M. Thursday.

*Banquet* — The banquet will begin at 7:30 Thursday at the Hotel Sir Walter. The speaker for the event will be Bill Currie of station WVOT, Wilson, N. C. Tickets are \$5.00 per person for conferees, wives and guests.

*Football Game* — A block of tickets has been reserved for the N. C. State-Maryland Atlantic Coast Conference football game. The game will be played at Riddick Stadium, N. C. State, at 1:30 P.M. on Saturday, October 6. Tickets may be purchased for \$4.00 at the registration desk through Thursday.

### COPIES OF THE PROCEEDINGS

A bound copy of all technical papers will be provided conferees at no charge. A limited number of extra copies of the proceedings of this and past AIEE Textile Conferences can be purchased for \$1.50 at the conference registration desk.

### AUTHORS BREAKFAST

By invitation, the authors, session chairman and conference chairman will meet at breakfast to become better acquainted and receive last minute instructions. The breakfast will be served at 8:00 A.M., October 4, at the Hotel Sir Walter.

TEXTILE INDUSTRY COMMITTEE OF AIEE  
CHAIRMAN: J. W. WARD, Sylacauga, Ala.

TEXTILE ENGINEERING DIVISION OF ASME  
CHAIRMAN: R. E. Parker, Charlotte, N. C.

JOINT AIEE-ASME TEXTILE CONFERENCE  
CONFERENCE CO-CHAIRMEN:  
C. B. Rumble, AIEE, Charlotte, N. C.  
R. D. Williams, ASME, Charlotte, N. C.

LOCAL ARRANGEMENTS: W. E. Smith, School of Textiles, North Carolina State College, Raleigh, North Carolina