

**PROCEEDINGS**  
**OF**  
**THE FIFTY-FIRST ANNUAL MEETING**  
**OF THE**  
**AMERICAN SOCIETY OF BAKERY ENGINEERS**  
**1975**



**MARCH 3-5, 1975**

**CHICAGO, ILLINOIS**

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**PROCEEDINGS**  
**of the**  
**Fifty-First Annual Meeting**  
**AMERICAN SOCIETY**  
**OF**  
**BAKERY ENGINEERS**

**March 3-5, 1975**

**Pick-Congress Hotel, Chicago, Illinois**

As a service to our members, we have included a list of the papers presented during the Annual Meetings from 1965 through 1974. The titles of the papers have been grouped under general headings according to the primary subject matter covered in the papers. We hope this list is helpful to you in locating information on subjects in which you have a particular interest.

*During the year the business papers in the baking and allied fields generously contributed space to describe the activities of the Society. Many of them not only gave careful coverage to our Annual Meeting, but illustrated it fully with photographs taken during the Meeting, and a number of these publications have graciously provided us with their plates to help us make our PROCEEDINGS more attractive. We wish to express our appreciation to all for their splendid cooperation.*

**2 North Riverside Plaza, Chicago, Ill., U.S.A., 60606**

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# American Society of Bakery Engineers

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**ROBERT A. FISCHER SECRETARY**

Room 1921, Riverside Plaza Bldg.  
2 North Riverside Plaza  
CHICAGO, IL 60606

## *51st* ANNUAL MEETING

**PICK-CONGRESS HOTEL**  
March 3-5, 1975, Chicago, Illinois

### **Introduction to the 1975 PROCEEDINGS**

This edition of the PROCEEDINGS contains a complete report of the activities of the 51st Annual Meeting of the American Society of Bakery Engineers.

Many hours have been devoted to compiling all of the material for this volume and, to assure as accurate a reporting of this material as possible, all individuals who participated in the program who could be identified, were contacted for editing their comments. Therefore, the comments included are correct insofar as they represent what the speaker intended to say. All statements are strictly the opinions of those by whom they were made.

The program for the 51st Annual Meeting was planned by the Program Committee—taking into account the responses from the Program Planning Questionnaire and also the comments on the Program Evaluation Cards which were completed at the previous Meeting. The subjects were approved by the committee and the participants were selected based upon their knowledge and experience.

Organizing a meeting such as ours is no small task. It requires a great deal of preparation and follow-through—not to mention the cooperation of scores of individuals. It all begins with the Program Committee working with the Session Chairmen and the Program Participants—and also with the Special Events Chairmen.

The result is a fine program of technical papers by qualified authors—augmented by musical involvement at the beginning of each session, a Tea for the Ladies on Sunday afternoon, the President's Reception on Monday evening, and the Bak-

ery Foods Display on Tuesday afternoon.

The effort put forth by all of the people involved is readily evident. Two groups, however, which function during the entire Meeting, and whose members are responsible for the smooth and efficient mechanics, are the Property Committee and the Bakers Courtesy Club "Ask Me" men. Property Room Manager Thomas E. Keffer and his assistants look after the signs, the projection of slides, the Program Evaluation Cards and the hand-out materials—plus many more details.

The Bakers Courtesy Club members—under the capable guidance of their Secretary, Leo G. Dubin and their President, Arthur F. Wall—maintain the Message Board at the Information Center and serve as ushers and microphone monitors in the meeting room. To both groups—our grateful appreciation for their assistance and dedication.

Interspersed throughout this book, are photographs of many members and guests. These were made available to us as a courtesy by the bakery business papers—which also provide in their publications, thorough coverage of our Annual Meeting. We appreciate their cooperation and courtesies.

This year, 19 technical papers were presented covering a wide range of topics. The discussion period which followed each presentation afforded those in attendance the opportunity to obtain information not only from the material presented by the individual participant, but also from other attendees who may have been able to elaborate on a particular matter of interest. The discussion period is the appropriate time for everyone to get "involved."



During the time of the Annual Meeting, many organizations related to the baking industry, hold meetings and luncheons. We are always very pleased to cooperate with them in any way. Successful and enjoyable luncheons were held by the American Association of Cereal Chemists, the Canadian members and the Clayton Emerich Memorial group.

The Allied Trades of the Baking Industry held their popular Early Bird Breakfast—after a year's absence—on Tuesday morning and reported a huge success.

This PROCEEDINGS contains all of the pertinent information of the Meeting—including cop-

ies of the prepared papers, reproductions of all slides and hand-out materials, and the report of the discussions after each paper. Also included are the convenient table of contents, the subject index for the 1975 Meeting program and the complete list of papers presented at the Annual Meetings from 1965 to and including 1974.

If you were one of the 1,174 individuals who attended the Meeting, you probably are anxious to read particular sections of this PROCEEDINGS to re-familiarize yourself with specific areas of interest. Those who could not attend, should study the entire book in order to acquaint themselves with all of the material for future reference.



## INTRODUCTION TO YOUR 51st ANNUAL MEETING

Welcome to the 51st Annual Meeting of the American Society of Bakery Engineers. Our two-and-one-half-day program for 1975 will feature 19 papers covering many areas of the baking industry. We will have concurrent sessions on Tuesday afternoon, as we have in previous years.

In particular we draw your attention to the Monday afternoon program. We are attempting to present an in-depth evaluation on the use of preferments. We hope that this approach will be meaningful, whether you have 10 years of experience in this area or have only discussed it as future potential.

Our speakers have diligently prepared their papers for this Engineers' Meeting. We now need your participation at each of the sessions in order to fulfill President Clark's theme of "Progress Takes Two—ASBE and You."

We wish you a happy and successful stay here in Chicago and a safe journey home. Thanks for coming.

FRANK E. JOHNSON  
PROGRAM CHAIRMAN

LYLE C. WOODS  
FIRST ASSISTANT  
PROGRAM CHAIRMAN

ARMAND P. CICIU  
SECOND ASSISTANT  
PROGRAM CHAIRMAN

### AMERICAN SOCIETY OF BAKERY ENGINEERS

ROOM 1921, RIVERSIDE PLAZA BLDG.

2 NORTH RIVERSIDE PLAZA

CHICAGO, ILLINOIS 60606

## FOR YOUR INFORMATION

For your convenience in locating the various rooms in the Pick-Congress assigned for our use, we list the floors:

### PROGRAM MEETING ROOMS

#### Great Hall—Second Floor

Monday A.M. Session  
Monday P.M. Session  
Tuesday A.M. Session  
Tuesday P.M. "A" Session

#### Gold Room—Second Floor

Tuesday P.M. "B" Session  
Wednesday A.M. Session

### OTHER

Buckingham Room—Advisory Committee Meeting—Ground Level

Alcove—Luncheon for Advisory Committee—Ground Level

Buckingham Room—Executive Committee Meeting (Sun.)—Ground Level

Great Hall—Program Participant's Meeting—Second Floor

Plaza Room—A.S.B.E. Office—Second Floor

Belmont Room—Property Room—Second Floor

Francis I Room—Registration—Second Floor

Windsor and Buckingham Rooms—Bakery Foods Display—Ground Level

Buckingham Room—Executive Committee Meeting (Wed.)—Ground Level

## FOR YOUR CONVENIENCE

Restaurants in Pick-Congress

Coffee Shop

Pompeian Room

Royal Scots Grill

Tavern Tap

Tipperary Inn

## BE A BOOSTER MEMBER

To our members—if you have an associate or acquaintance who would benefit from membership in the Society—pass the application form on page 40 along to him.

**OFFICERS 1974-1975**



**CHARLES B. CLARK**  
President



**EUGENE D. SWENSON**  
First Vice President



**ERNEST O. CAIN**  
Second Vice President



**DONALD S. NOOT**  
Third Vice President



**ROBERT A. FISCHER**  
Secretary-Treasurer



**VICTOR E. MARX**  
Secretary Emeritus

**PROGRAM CHAIRMEN 1974 - 1975**



**FRANK E. JOHNSON**  
Program Chairman



**LYLE C. WOODS**  
First Assistant Chairman



**ARMAND P. CICCIU**  
Second Assistant Chairman

**OFFICERS OF CHAPTERS AFFILIATED TO A.S.B.E.**

**BRITISH**

- Chairman ..... Francis H. Ellis
- First Vice Chairman ..... Roy W. Flint
- Second Vice Chairman ..... John B. Pringle
- Secretary ..... Ronald W. Sheppard
- Treasurer ..... Colin A. Matthes

**AUSTRALIAN**

- Chairman ..... John Murphy
- First Vice Chairman ..... John Shaw
- Second Vice Chairman ..... Robert Brown
- Third Vice Chairman ..... Kim Johnson
- Secretary-Treasurer ..... Sydney J. Packham

## REGISTRATION

Please register promptly on arrival to prevent delays during meeting hours.

### Registration Hours

Sunday	1:00 P.M. to 5:00 P.M.
Monday	8:00 A.M. to 5:00 P.M.
Tuesday	8:00 A.M. to 5:00 P.M.
Wednesday	8:00 A.M. to 10:00 A.M.

### Registration Desk

#### Francis I Room

Near escalators on second floor. Please cooperate by keeping escalator landings free of crowds, and avoid group conversations in front of registration desks.

### Registration Fees

Members	\$30.00
Non-Members	\$50.00

Registration includes President's Reception and Bakery Foods Display. Admittance to these events is limited to registrants—by badge only.

## JOINING THE SOCIETY

A non-member who joins the Society before registering for the 51st Annual Meeting can register as a member.

The Membership Committee maintains a desk in the registration area (Francis I Room) during the registration hours. Committee members are on hand to explain the benefits of membership and to assist in signing up new members.

## SCHEDULE OF NON-A.S.B.E.-MEETING FUNCTIONS

### TUESDAY, MARCH 4, 1975

#### Allied Trades of the Baking Industry, Inc.

##### Early Bird Breakfast

8:00 A.M.—Gold Room  
William J. Campion, Chairman

#### American Association of Cereal Chemists Luncheon

12:00 Noon—Lincoln Room  
J. E. Freeman, Chairman

#### Canadian Members Luncheon

11:45 A.M.—Oxford Room  
George J. Williams, Chairman

#### Clayton Emerick Memorial Luncheon Luncheon

11:45 A.M.—Florentine Room  
Joseph DeMaria, Chairman

## PRE-MEETING SCHEDULE OF EVENTS

### SUNDAY, MARCH 2, 1975

10:00 A.M.—ADVISORY COMMITTEE  
MEETING

Buckingham Room

1:00 P.M.—ADVISORY COMMITTEE  
LUNCHEON

Alcove

2:00 P.M.—EXECUTIVE COMMITTEE  
MEETING

Buckingham Room

2:30-4:30 P.M.—LADIES TEA

Lincoln Room  
(Third Floor—North)

4:00 P.M.—PROGRAM PARTICIPANTS AND  
SESSION CHAIRMEN MEETING  
Great Hall

## POST-MEETING SCHEDULE OF EVENTS

### WEDNESDAY, MARCH 5, 1975

2:00 P.M.—EXECUTIVE COMMITTEE  
MEETING

Buckingham Room

### THURSDAY, MARCH 6, 1975

8:00 A.M.—PROGRAM COMMITTEE  
MEETING

Lake Shore Room

## SCHEDULE OF LADIES' ACTIVITIES

### SUNDAY, MARCH 2, 1975

2:30-4:30 P.M.—Ladies' Tea  
Lincoln Room

### MONDAY, MARCH 3, 1975

5:30-7:00 P.M.—President's Reception  
Gold Room

### TUESDAY, MARCH 4, 1975

9:30 A.M.—Leave for Tour—  
T.V. Show, Luncheon,  
Fashion Show

## MONDAY MORNING PROGRAM

March 3, 1975

### GREAT HALL

- 9:00—Meeting Room Opens
- 9:15—Call to Assembly and Greetings  
PAUL W. KAMMAN, Park Ridge, IL  
Meeting Chairman
- 9:20—Introduction of Song Leaders  
WALTER N. CLISSOLD, Evanston, IL  
Music Co-Chairman
- Song Leaders—  
WILLIAM E. BUSSE, South Bend, IN  
HARRY D. GARDNER, Albion, MI  
FRANK C. GNOZA, Corsicana, TX  
DWIGHT D. JARVIS, Saginaw, TX  
FRED M. JENSEN, Rolling Meadows, IL  
KENNETH B. KITCHEN,  
Brantford, Ont., Canada  
GEORGE L. LANNUIER, South Bend, IN  
ANDREW MAIER, II, Reading, PA  
WILLIAM E. MAIER, Reading, PA  
WILLIAM C. MILES,  
Georgetown, Ont., Canada  
HARRY R. VERNON, Dallas, TX  
JONATHAN YENTIS, Chicago, IL
- 9:25—Entrance of Officers  
Introduction by PAUL W. KAMMAN
- 9:30—Star Spangled Banner—O Canada
- 9:35—Invocation  
L. J. RICHTER, San Antonio, TX
- 9:40—The President Comments  
CHARLES B. CLARK, Athens, GA
- 9:50—The Secretary Reports  
ROBERT A. FISCHER, Chicago, IL
- 10:00—Program Preview  
FRANK E. JOHNSON, Oak Creek, WI
- 10:05—Annual Business Meeting  
Conducted by CHARLES B. CLARK, President
- 10:20—Presentations and Introductions
- 10:40—The Secretary Emeritus Comments  
VICTOR E. MARX, Chicago, IL
- 10:45—Introduction of Speaker  
ERNEST O. CAIN, Dallas, TX
- 10:50—Inspirational Address  
DR. WILLIAM HOLMES BORDERS, Atlanta, GA
- 11:30—Adjournment

## MONDAY AFTERNOON PROGRAM

March 3, 1975

### GREAT HALL

- 1:15—Meeting Room Opens  
ANDREW MAIER, II and WILLIAM E. MAIER  
Song Leaders
- 1:20—Call to Assembly  
PAUL W. KAMMAN, Park Ridge, IL  
Meeting Chairman
- 1:25—Introduction to Technical Production Session  
HAROLD G. GOBBLE, Battle Creek, MI  
Session Chairman

- 1:30—Fermentation Defined  
DR. GERALD REED, Milwaukee, WI  
Concepts of fermentation as employed in  
the use of pre-ferments
- 1:55—Discussion
- 2:10—Formulation of Liquid Pre-ferment  
MARCELLUS G. UHRICH, Stamford, CT  
Formulas and formula modifications for  
various pre-ferment types.
- 2:35—Discussion
- 2:50—Variety Production from Single Pre-ferments  
DONALD D. ENTRINGER, SR., New Orleans,  
LA  
Product formulations of bread, sweet yeast  
and yeast-raised doughnuts from a single  
liquid pre-ferment.
- 3:15—Discussion
- 3:30—No-Time Dough Methods  
HERMAN L. GLOVER, Dallas, TX  
Methods of attaining "No-Time" doughs  
through mechanical, chemical and/or en-  
zymatic systems—including formulation.
- 3:55—Discussion
- 4:10—Adjournment

## MONDAY EVENING PROGRAM

March 3, 1975

### GOLD ROOM

- 5:30-7:00—President's Reception  
JOHN F. VOYDA, Chicago, IL, Chairman  
The President's Reception gives each of us  
a fine opportunity to meet and visit with  
our officers of the Society and for all to be  
together at an informal gathering for visit-  
ing and getting to know one another bet-  
ter in a fine atmosphere among "Friends."  
While relaxing with friends, light snacks  
may be enjoyed.

## TUESDAY MORNING PROGRAM

March 4, 1975

### GREAT HALL

- 9:45—Meeting Room Opens  
WALTER N. CLISSOLD and HARRY D. GARDNER  
Song Leaders
- 9:50—Call to Assembly  
EUGENE D. SWENSON, Cincinnati, OH  
Meeting Chairman
- 9:55—Introduction to Technical Production Session  
LEE F. HALLBERG, Melrose Park, IL  
Session Chairman
- 10:00—Packaging of Loose Bakery Products  
HOWARD R. CHAMBERS, Dallas, TX  
Alternate packaging techniques that may  
be employed for wrapping loose bakery  
products, specifically those without a sup-  
porting tray.
- 10:20—Discussion
- 10:30—Improving Order Assembly Efficiency  
DONALD B. HAMILTON, Chicago, IL  
Methods to provide efficient utilization of  
manpower and equipment to improve ship-  
ping functions, such as grouping, palletiz-  
ing, order assembly and route truck and  
trailer loading.
- 10:50—Discussion

- 11:00—Alternative Sweeteners  
F. ROBERT GRANT, St. Louis, MO  
Alternative sweeteners in formulation and production of sweet yeast-raised doughs, Danish doughs and cake-type products—including formula changes and processing adjustments.
- 11:20—Discussion
- 11:30—Adjournment

## TUESDAY AFTERNOON PROGRAM

March 4, 1975

### TECHNICAL PRODUCTION SESSION "A"

#### GREAT HALL

- 1:15—Meeting Room Opens  
Sextet—  
WILLIAM E. BUSSE, HARRY D. GARDNER,  
FRANK C. GNOZA, FRED M. JENSEN,  
GEORGE L. LANNUIER, ANDREW MAIER, II
- 1:20—Call to Assembly  
ERNEST O. CAIN, Dallas, TX  
Meeting Chairman
- 1:25—Introduction to Technical Production Session  
VARDON J. GAINOR, Milwaukee, WI  
Session Chairman
- 1:30—Bread and Bun Softness  
JOHN R. JOHNSTON, JR., Concord, NC  
Achievement of bread and bun softness through formulation, processing, baking and cooling.
- 1:50—Discussion
- 2:00—Hearth and Modified Hearth-Type Products  
ALAN J. FEINBERG, Los Angeles, CA  
Equipment, formulation and processing requirements for the manufacture of hearth-type products.
- 2:20—Discussion
- 2:30—Variety Pan Breads  
JOSEPH A. BECKER, Sioux Falls, SD  
Formulation, processing and government standards for variety pan breads.
- 2:50—Discussion
- 3:00—Freezing and Thawing of Bakery Products  
RONALD BAMFORD, Westport, CT  
Proper freezing and thawing methods for bakery products, including formulation and processing changes required for freezing.
- 3:20—Discussion
- 3:30—Adjournment

## TUESDAY AFTERNOON PROGRAM

March 4, 1975

### TECHNICAL PRODUCTION SESSION "B" GOLD ROOM

- 1:15—Meeting Room Opens  
Sextet—  
WALTER N. CLISSOLD, DWIGHT D. JARVIS,  
WILLIAM E. MAIER, WILLIAM C. MILES,  
HARRY R. VERNON, JONATHAN YENTIS
- 1:20—Call to Assembly  
DONALD S. NOOT, Madison, WI  
Meeting Chairman
- 1:25—Introduction to Technical Production Session  
ANTAL G. OSZLANYI, Strongsville, OH  
Session Chairman
- 1:30—Cake Production with Fluid Shortening  
CHARLES J. URBAN, Bayshore, NY  
Formulation, equipment and processing techniques employed in continuous and batch processing of cakes using fluid shortening.
- 1:50—Discussion
- 2:00—Enrobing of Bakery Products  
DANIEL H. WING, Burlingame, CA  
Requirements of proper formulation and handling techniques for enrobing products.
- 2:20—Discussion
- 2:30—Cake Doughnut Production  
JOHN A. OWEN, Dallas, TX  
Cake doughnut production and techniques necessary to maintain product quality.
- 2:50—Discussion
- 3:00—Fried Yeast-Raised Production  
RICHARD L. ROTH, Cincinnati, OH  
Fried yeast-raised production and techniques necessary to maintain product quality.
- 3:20—Discussion
- 3:30—Adjournment of Session
- 3:45—Open Forum Discussion  
RAY THELEN, N. Palm Beach, FL  
Moderator
- 5:15—Adjournment of Open Forum

## TUESDAY EVENING PROGRAM

March 4, 1975

### WINDSOR & BUCKINGHAM ROOMS

- 5:30-7:30—Bakery Foods Display  
J. J. VISKOCIL, Franklin Park, IL  
Chairman  
HAROLD D. FORTNER, Franklin Park, IL  
Assistant Chairman

## WEDNESDAY MORNING PROGRAM

March 5, 1975

### GOLD ROOM

- 9:00—Meeting Room Opens  
GEORGE L. LANNUIER and HARRY R. VERNON  
Song Leaders
- 9:05—Call to Assembly  
CHARLES B. CLARK, Athens, GA  
Meeting Chairman
- 9:10—Introduction to Technical Production Session  
JAMES H. SCHIPKE, Irvine, CA  
Session Chairman
- 9:15—OSHA Today  
HOMER K. SHANKS, Dallas, TX  
Case histories of OSHA inspections with  
specific examples of violations and correc-  
tions within the baking industry.
- 9:35—Discussion
- 9:45—Insecticides and Sanitizing Agents  
DONALD A. WILBUR, JR., Kansas City, MO  
Recent changes in use of insecticides and  
sanitizing agents in the baking industry.
- 10:05—Discussion
- 10:15—Quality Assurance in a Bread and Roll Plant  
FRANK J. RAFFAELE, Greenwich, CT  
Check list of programs developed to main-  
tain product quality.
- 10:35—Discussion
- 10:45—Motivation Through Climate Control  
MICHAEL J. O'REILLY, San Antonio, TX  
Methods used to establish a climate for  
communicating with and motivating people.
- 11:05—Discussion
- 11:15—Installation of Officers
- 11:20—President's Comments and Appointments
- 11:35—Closing Prayer of Thanks  
VICTOR E. MARX, Chicago, IL
- 11:40—The Lord's Prayer  
WILLIAM E. MAIER, Reading, PA
- 11:45—Final Adjournment

### SPECIAL EVENTS

#### PRESIDENT'S GET-ACQUAINTED RECEPTION

MONDAY EVENING — MARCH 3, 1975

5:30-7:00 P.M. — IN THE GOLD ROOM

JOHN F. VOYDA, Chairman

The President's Reception always provides a wonderful opportunity to meet the current officers of the Society, to get together informally with your fellow Engineers and to enjoy a snack with congenial company. Come meet your friends and enjoy yourselves.

NANCY CIGLER, Accordionist  
(Admission by badge only)

## BAKERY FOODS DISPLAY

TUESDAY EVENING — MARCH 4, 1975

5:30-7:30 P.M. — IN THE WINDSOR  
AND BUCKINGHAM ROOMS

JOSEPH J. VISKOCIL, Chairman  
HAROLD D. FORTNER, Assistant Chairman

Donald F. Anetsberger  
Geoffrey B. Burgess  
A. C. Formo  
William A. Hoffman  
Arthur G. Lieb  
B. A. Morgan  
Melvin W. Mueller  
Kenneth P. Noreen  
Frank Pleitgen  
John D. Shogren  
Wm. D. Untch

The Bakery Foods Display covers the widest possible variety of bakery foods from all corners of our country and from all over the world. It has practical significance in acquainting us with progress in our specialized field of production. It also instills in us the pride in the achievement of our industry and its contribution to human nutrition.

The Display opens at 5:30 P.M. Tuesday, March 4, 1975. ADMISSION BY BADGE ONLY. Samples in the general display area are to be VIEWED ONLY from 5:30 to 6:30 P.M., after which they may be opened for examining, tasting and eating. Samples in the "tear-apart room" may be opened at any time. At 7:30 P.M. when the display closes, all samples will be turned over to the Salvation Army for local consumption.

We acknowledge with grateful appreciation the cooperation of our friends in the allied trades, who collected most of the bakery products for this Display. We also thank the donors of this merchandise. Their help makes this Display possible. Our thanks to our members who sent in samples of their products.

### MUSIC COMMITTEE

Walter N. Clissold, Evanston, Ill.—Co-Chairman  
Andrew Maier, II, Reading Pa.—Co-Chairman

### A.S.B.E. POLICIES AND GENERAL INFORMATION

#### COMMERCIALISM POLICY

If you have a question to ask or a statement to make during the sessions, request a microphone, rise, state your name and home city and then proceed. It is the FIRM POLICY of the Society that everyone appears as an individual and not as the representative of any commercial organization; hence, there shall be no commercial exploitation of any product, machine, equipment, brand name, firm name, patent, publication or service from either the speakers' platform or the floor.

## BAKERY FOODS DISPLAY

Under no circumstances is anyone permitted to remove any bakery products from the display area either while the Display is open or after it closes.

## JOINING THE SOCIETY

This is an excellent time to join the Society. Application blanks are available at the Membership Desk and signed applications will be accepted. A temporary receipt will be provided. Your official dues card, membership certificate and printed material will be mailed after the Meeting.

## PAYMENT OF DUES

Those desiring to pay dues during the Annual Meeting may do so at the Special A.S.B.E. Office located conveniently in the Plaza Room (Second Floor. A.S.B.E. personnel will be on duty, and will give you a temporary receipt. Your DUES CARD, and membership certificate will be mailed to you after the Meeting.

## ALLIED ACTIVITIES

All hospitality rooms are to be closed during all business sessions. It is also expected that commercial promotion of company or brand names will not be indulged in through such media as signs, room displays, moving pictures, general distribution of printed literature, samples, or advertising novelties. The usual cooperation of all allied firms in this policy which has been such an important factor in the success of our meetings in past years is anticipated again this year.

## WEAR YOUR BADGE!

You will be admitted to the Meeting ONLY if you are *wearing* your badge. Wear it proudly on your right lapel; it is your identification that you have registered for the 51st Annual Meeting.

## BAKERS COURTESY CLUB

The members of this very fine group of Chicago Allied Men volunteer their services for our Meeting each year. They contribute greatly to the conduct and success of the Annual Meeting and we are pleased to publicly acknowledge their outstanding help again this year.

These men are identified by the familiar "ASK ME" badges. Please cooperate with them.

In addition to ushering during all regularly scheduled functions, they render valuable assistance in many other ways, namely:

- ... See that everyone is promptly seated.
- ... Prevent congestion at the door at all times.
- ... Man the microphones in the Meeting Room when you have a question to ask or a statement to make.
- ... Assist where possible in providing information about the Meeting.
- ... Maintain an Information Desk in the Rendezvous Foyer. A courteous attendant is on duty at all times between and during sessions ready to be of service.

... Receive telephone calls, telegrams, and personal messages which reach the hotel for those attending our Meeting. No interruptions to page anyone are permitted except in extreme emergencies.

... Post notices of calls or messages on Message Board; by checking this board occasionally you can help them in their service to you.

... Distribute session material such as charts, formulas, releases, when necessary.

This outstanding organization has long been of real service to us and to the industry of which we are all a part. May they continue to grow and prosper.

## COMMITTEES 1974-1975

### EXECUTIVE COMMITTEE

Charles B. Clark, Athens, Ga.  
Eugene D. Swenson, Cincinnati, Ohio  
Ernest O. Cain, Dallas, Texas  
Donald S. Noot, Ft. Wayne, Ind.  
Robert A. Fischer, Chicago, Ill.  
Victor E. Marx, Chicago, Ill.  
Paul W. Kamman, Park Ridge, Ill.  
Richard M. Beaverson, Dallas, Texas  
Byron R. Baird, Ft. Worth, Texas  
J. D. Shoptaugh, Jacksonville, Fla.  
J. W. Doty, N. Kansas City, Mo.  
John C. Morris, Wilmette, Ill.  
William E. Rudolph, Nashville, Tenn.  
Paul A. Wright, Dallas, Texas  
Andrew R. Buccini, Richmond, Va.  
A. Charles Roland, III, St. Louis, Mo.  
John L. De Keizer, Deerfield, Ill.  
G. Greig Harrison Montreal, Que., Can.  
Glenn R. Grissinger, York, Pa.  
G. W. Schiller, Arkansas City, Kans.

### STANDING COMMITTEES

Financial—John C. MacAlpine III, Swarthmore, Pa.  
Publications—Donald K. Dubois, Kansas City, Mo.  
Information Service—Simon S. Jackel, New York, N. Y.  
Manual—J. M. Albright, Park Ridge, Ill.  
Sanitation—Philip E. Winters, Cincinnati, Ohio  
Index—Paul Holton, Chicago, Ill.  
Nominating—Paul W. Kamman, Park Ridge, Ill.  
Membership—William J. Borer, Philadelphia, Pa.  
Steering and Planning—Louis J. Richter,  
San Antonio, Texas  
Insurance—E. H. Hartman, Sr., Decatur, Ga.  
Hotel Housing—Robert O. Benson, Chicago, Ill.  
Educational—Edward A. Alesch, Richardson, Texas  
Public Relations—William A. Hoffman, Chicago, Ill.  
Research and Study—Paul M. Koren, Cincinnati, Ohio  
Safety Z-50—Robert C. Anderson, Port Washington, N. Y.  
Standardization of Terms—E. J. Pyler, Chicago, Ill.  
Retired Membership Study—M. J. Swortfiguer,  
Owensville, Mo.

## COMMITTEES — 1975 PROGRAM

### PROGRAM COMMITTEE

Frank E. Johnson, Oak Creek, Wisc.  
Chairman  
Lyle C. Woods, Kansas City, Mo.  
First Assistant Program Chairman  
Armand P. Cicciu, St. Louis, Mo.  
Second Assistant Program Chairman

## COMMITTEES — 1975 PROGRAM

### PROGRAM COMMITTEE

(Continued)

Charles B. Clark, Athens, Ga.  
Eugene D. Swenson, Cincinnati, Ohio  
Ernest O. Cain, Dallas, Texas  
Donald S. Noot, Ft. Wayne, Ind.  
Robert A. Fischer, Chicago, Ill.  
Victor E. Marx, Chicago, Ill.

### PROPERTY COMMITTEE

Thomas E. Keffer, St. Anne, Ill.  
Property Manager  
William F. Geist, Rockford, Ill.  
John W. Hilton, Muscatine, Ia.  
Morris Kaufman, Chicago, Ill.  
John C. La Botz, Frankfort, Ill.  
William F. Vertolli, Middletown, Pa.  
Jonathan Yentis, Chicago, Ill.  
Assistant Property Managers

### PAST PRESIDENTS

(Year of election shown)

1924—Richard Wahl, Indianlantic, Fla.  
1925—C. J. Patterson (deceased)  
1926 & 1927—E. B. Price (deceased)  
1928—George W. Tassie (deceased)  
1929—Gordon H. Darnell, (deceased)  
1930—Louis E. Caster (deceased)  
1931—Ross E. Anderson (deceased)  
1932—Robert L. Gerdes (deceased)  
1933—Carl S. Pickering, San Diego, Calif.  
1934—Edward M. Joy  
1935—F. B. Evers, Nashville, Tenn.  
1936—W. J. Ocken (deceased)  
1937—John Roberts, Beaumont, Tex.  
1938—Roger Brandenburg (deceased)  
1939—William Hauck (deceased)  
1940—Walter T. Molloy (deceased)  
1941—Cecil C. Cadwell (deceased)  
1942—Wm. F. Gossadge, Louisville, Ky.  
1943—Willard H. Geller (deceased)  
1944 & 1945—Albert J. Faulhaber, Sarasota, Fla.  
1946—Guy T. Shiverdecker, Kettering, Ohio  
1947—Jake M. Albright, Park Ridge, Ill.  
1948—Otto Richter, San Antonio, Tex.  
1949—Harold T. Moody, Westminster, Calif.  
1950—Don F. Copell (deceased)  
1951—Earl B. Cox, (deceased),  
1952—Fred Weberpals, Queens Village, N. Y.  
1953—M. J. Swortfiguer, Owensville, Mo.  
1954—Wallace K. Swanson, Deltona, Fla.  
1955—Martin Eisenstaedt, Havertown, Pa.  
1956—Arthur G. Hackett, Venice, Fla.  
1957—Harold M. Freund, City of Industry, Calif.  
1958—Andreas F. Reising, New Orleans, La.  
1959—H. Alvin Meyer, Jackson, Miss.  
1960—Clayton C. Daley, Berwick, Pa.  
1961—Robert Nicolait, Santa Barbara, Calif.  
1962—Robert G. Dibble, Sun City Center, Fla.  
1963—John A. Wagner, Drexel Hill, Pa.  
1964—Walter T. Gase (deceased)  
1965—Irwin O. Rohrbach, Malverne, L.I., N. Y.  
1966—George H. Gugler, Sun Valley, Calif.  
1967—Lawrence E. Pile, Cleveland, Ohio  
1968—William C. Kollman, Wilton, Conn.  
1969—William H. Ziemke, San Jose, Calif.  
1970—Carl C. Hauswald, Jr., Baltimore, Md.  
1971—Robert C. Brink, Cincinnati, Ohio  
1972—L. J. Richter, San Antonio, Tex.  
1973—Paul W. Kamman, Park Ridge, Ill.

## PAST PROGRAM COMMITTEE CHAIRMEN

(Year of program shown)

1929—E. B. Nicolait (deceased)  
1930—G. Cullen Thomas (deceased)  
1931—Peter G. Pirrie (deceased)  
1932—W. E. Doty (deceased)  
1933—C. A. McDuffee (deceased)  
1934—Ross E. Anderson (deceased)  
1935—Charles P. Oliver (deceased)  
1936—R. W. Brooks (deceased)  
1937—W. E. Doty (deceased)  
1938—Harold Hall, Port Angeles, Wash.  
1939—O. S. Otting, New Smyrna Beach, Fla.  
1940—George T. Cahln, Chicago, Ill.  
1941—G. Richard Ludlow (deceased)  
1942—F. J. Coughlin, Cincinnati, Ohio  
1943—Arthur E. Grawert (deceased)  
1944—Henry P. Montminy (deceased)  
1945 & 1946—Carl W. Steinhauer (deceased)  
1947—J. H. Debs, Chicago, Ill.  
1948—Tyler R. Stevens, Gillette, N. J.  
1949—Glenn E. Hargrave, Shawnee Mission, Kans.  
1950—Charles E. Riley (deceased)  
1951—Jack S. Devanny, Lincoln, Ill.  
1952—Len P. Kenney, Milwaukee, Wis.  
1953—Elmer F. Glabe, Chicago, Ill.  
1954—Jones E. Mapes, Wyckoff, N. J.  
1955—T. E. Lauder (deceased)  
1956—Len Franzen, Chicago, Ill.  
1957—Ray Thelen, North Palm Beach, Fla.  
1958—Clifton R. Scarborough, Shawmut, Ala.  
1959—Lewis P. MacAdams, Dallas, Texas  
1960—Irwin O. Rohrbach, Malverne, L.I., N. Y.  
1961—James M. Doty, North Kansas City, Mo  
1962—Harry D. Gardner, Albion, Mich.  
1963—Ralph E. Manewal (deceased)  
1964—Lloyd L. Fisher, Sun City Center, Fla.  
1965—Zenas Block, New York, N. Y.  
1966—William F. Schroeder (deceased)  
1967—Frank R. Schwain (deceased)  
1968—Philip W. Orth, Jr., Oak Creek, Wis.  
1969—G. N. Bollenback, Hastings-on-Hudson, N. Y.  
1970—Gerald Reed, Milwaukee, Wis.  
1971—Donald K. Dubois, Kansas City, Mo.  
1972—Herman Saussele, Jr., St. Louis, Mo.  
1973—Richard M. Beaverson, Dallas, Tex.  
1974—Ernest O. Cain, Dallas, Tex.

### FIFTY-YEAR MEMBERS

Morris Cohen, Prairie Village, KS  
Fred F. Hauser, Norristown, PA  
C. Eddie Jones, Denver, CO  
Adolph E. Link, San Carlos, CA  
Past President Carlos S. Pickering, San Diego, CA

### FORTY-YEAR MEMBERS

J. S. Devanny, Lincoln, IL  
Glenn E. Hargrave, Shawnee Mission, KS  
H. Clyde Jones, Berea, KY  
F. W. McCarthy, Tupper Lake, NY  
Samuel Sosland, Kansas City, MO  
Harry R. Swanson, Calgary, Alta., Canada



## THIRTY-FIVE-YEAR MEMBERS

Charles O. Bailar, Menasha, WI  
Claude A. Bascombe, Wayne, NJ  
J. M. Doty, North Kansas City, MO  
Joseph M. Duke, Owensboro, KY  
Past President Arthur G. Hackett, Venice, FL  
Edward N. Heinz, Jr., Melrose Park, IL  
David M. Levitt, New York, NY  
A. M. Newhouse, Glendale, CA  
Werner A. Noonan, Ft. Lauderdale, FL  
Valentin Sobotka, Berkeley, CA  
Robert L. Storck, Parkersburg, WV  
Frank J. Torrens, Westfield, NJ  
Alois J. Welzenbach, Malibu, CA  
Sven Young, Toronto, Ont., Canada

## TWENTY-FIVE-YEAR MEMBERS

Joseph Amendola, Jr., Hyde Park, NY  
George T. Baggott, Cleveland, OH  
Samuel A. Baker, Wichita, KS  
Zenas Block, New York, NY  
William Bohach, Flushing, NY  
Robert E. Bond, Lexington, MA  
Otto Bresky, Jr., West Newton, MA  
Lorin W. Dolim, Honolulu, HI  
James W. Dougherty, Los Angeles, CA  
Lloyd E. Eisele, Phoenix, AZ  
Fred G. Fuss, Stow, OH  
Fred C. Goddard, Bridgetown, Barbados, B.W.I.  
R. H. Gohde, Overland Park, KS  
H. Wayne Hanson, Los Angeles, CA  
Albert H. Holtermann, Staten Island, NY  
William N. Jung, Woodinville, WA  
Wm. R. Kauffman, Jr., Lutherville, MD  
Raymond U. Kieffer, Willingboro, NJ  
Peter A. Koma, Sr., Norton, OH  
Steven Laine, Washington, DC  
H. T. Lawler, San Antonio, TX  
Ed V. Mead, Albuquerque, NM  
Carl P. Mies, Jr., West Bend, WI  
F. J. Montag, Chicago, IL  
Homer H. Poe, Enid, OK  
Robert M. Raudenbush, Ashland, PA  
Charles J. Regan, Jr., Evergreen Park, IL  
Thel Shaffer, Cape Girardeau, MO  
Richard Skarin, Southern Pines, NC  
A. J. Spinello, Braintree, MA  
Charles D. Stone, Sparta, NJ  
Albert T. Swanson, Omaha, NE  
Jack W. Tesch, Milwaukee, WI  
John Thomson, Radlett, Hertfordshire, England  
Fred L. Waite, W. Babylon, NY  
M. A. Walloch, Ft. Worth, TX  
Charles R. Werner, Grand Rapids, MI  
Robert L. Wold, Palo Alto, CA  
William S. Wright, Buffalo, NY  
Harry P. Wulff, Pittsburgh, PA

## DECEASED MEMBERS

A. J. Edwards, Sydney, Australia  
George J. Siml, Berwyn, IL  
John P. Mock, Richardson, TX  
Past President Earl B. Cox, Los Angeles, CA  
Robert W. Brooks, East Hebron, NH  
George S. Carrie, Lombard, IL  
Benjamin A. McKnight, Oviedo, FL  
Paul H. Prentiss, Skokie, IL  
Benson Littman, Palm Springs, CA  
Edward C. Kells, West Point, NY  
Arthur F. Derse, Port Jervis, NY  
Michael Gregory, Hamilton, Ont., Canada  
F. W. Hayward, Bramalea, Ont., Canada  
Walter C. Keller, Menlo Park, CA  
Ian L. King, Slough, Bucks, England  
Richards J. Conly, Abington, PA  
Norman F. Miner, Ft. Wayne, IN  
Ray Herbert, Newton Square, PA  
L. D. Feuchtenberger, Bluefield, WV  
J. Edward Carden, Novi, MI  
George J. Conly, Warminster, PA  
John Gray, Larkspur, CA  
Fred W. Scott, Welland, Ont., Canada  
Alex J. Baumeister, Kansas City, MO  
Claud Bryson, Saginaw, MI  
John M. Pugh, Cherry Hill, NJ  
Leland J. McCabe, Los Angeles, CA  
Norman D. Reskin, Los Angeles, CA  
Robert B. Connelly, Indianapolis, IN  
Tom F. Smith, Atlanta, GA  
R. N. Winfree, Lynchburg, VA  
Thomas A. Dillon, Pompano Beach, FL  
Harold B. Korn, North Brunswick, NJ  
Past President Gordon H. Darnell, Laguna Niguel, CA  
Anthony C. Kryshak, E. Northport, L.I., NY  
Bernard A. Evans, Dallas, TX  
Emmet D. Slavin, Glen Falls, NY  
Ray S. Briggs, Decatur, IL