



progress through knowledge

Program * * * * *

**AMERICAN
CONCRETE
INSTITUTE**

62nd Annual Convention

**March 7-11, 1966
*Benjamin Franklin Hotel
Philadelphia, Pennsylvania***

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* Address

AMERICAN CONCRETE INSTITUTE

P.O. Box 4754, Redford Station

Detroit, Michigan 48219

— CONVENTION REGISTRATION —

Special Registration,

Sunday, March 6 2:00 to 5:00 p.m.

Registration, March 7-10 8:00 a.m. to 6:00 p.m.

Registration, March 11 8:00 a.m. to 10:00 a.m.

Registration Fee of \$10.00 payable at the Registration desk on the mezzanine, Benjamin Franklin Hotel. Registered members and nonmembers as well as the ladies are invited to attend the various technical sessions, symposia, social activities and the ACI men-of-the-year Awards Luncheon.

PLEASE WATCH FOR SPECIAL ANNOUNCEMENTS DAILY ON THE BULLETIN BOARD NEAR THE REGISTRATION DESK.

*** SPECIAL EVENTS ***

Technical-Educational Exhibits . . . Tuesday through Thursday along the mezzanine corridors and the Betsy Ross Suite. Have your program card (inside back flap) stamped to qualify for valuable door prizes.

★

Architectural Design Competition . . . Winning sketches and honorable mention entries on display beginning Tuesday.

★

Photo Display . . . over 100 feet of panels containing photos of unusual and outstanding concrete structures from all over the world. Monday through Friday.

★

Awards Luncheon and Installation of New ACI Officers . . . 12:15 p.m., Thursday in the Garden Terrace. One may purchase tickets up to 2:00 p.m., Wednesday at the Registration Desk. \$4.50 per person.

★

Cocktail Party "Icebreaker" . . . 6:30 p.m., Tuesday in the Crystal Ballroom. Your registration badge is your admittance. Compliments of the local committee.

★

University of Illinois Alumni Breakfast . . . 7:45 a.m., Thursday in the Valley Forge Room. Tickets are available from alumni and University of Illinois staff members.

★

PCA Alumni Association . . . See bulletin board near registration desk.

★

Ladies Program . . . see the daily schedule on page 20.

BREAKFASTS

TECHNICAL COMMITTEE CHAIRMEN

Monday, 7:30 a.m. — Breakfast for chairmen of 100 and 200 groups Technical Committees (by invitation) in the Philadelphia Room.

Tuesday, 7:30 a.m. — Breakfast for chairmen of 500 group Technical Committees (by invitation) in the Philadelphia Room.

NOTE: No special breakfasts scheduled for chairmen of 300 and 400 group committees.

NOTES FOR PROGRAM PARTICIPANTS

Wednesday, 7:30 a.m. — Breakfast for program participants (by invitation) in Philadelphia Room.

Thursday, 7:30 a.m. — Breakfast for Research Session participants (by invitation) in Philadelphia Room.

Upon recognition by the chairman, a discussor will please state his name and business affiliation distinctly and go to the nearest microphone so that he may be heard by all.

★ ★ ★ ★ ★ ★ ★ ★

Dutch Treat . . . 7:30 a.m., Friday, breakfast for the Ad Hoc Committee on Cracking in the Philadelphia Room. Make your reservation at the registration desk no later than Wednesday noon.

FLOOR PLAN: For the location of the meeting rooms, check the floor plan on pages 10, 11. Rooms 40/41 are located in the same position on the various floor levels. Floor level is noted by the first digit in the room number (ie) 540/541—fifth floor. Check the bulletin board daily for specific meetings and specific rooms.

TECHNICAL COMMITTEE MEETINGS

Meeting topics are in italics. Be sure to check the bulletin board for last-minute changes or added meetings.

SUNDAY, March 6
2:00 p.m. - 5:00 p.m.

213 Lightweight Aggregate Concrete Jefferson

7:00 p.m. - Midnite

213 Lightweight Aggregate Concrete Jefferson

MONDAY, March 7
9:00 a.m. - 12:00 Noon

COMMITTEE	Meeting Room
— Ad Hoc Committee on Effect of Temperature on Concrete	Commodore Barry
118 Use of Computers (<i>Symposium publication, computer nomenclature</i>)	Poor Richard A
214 Evaluation of Results of Strength Tests of Concrete (<i>Task group reports</i>)	Jefferson
313 Concrete Bins and Silos	Philadelphia
315 Detailing Reinforced Concrete Structures (<i>Subcommittee assignments</i>)	Poor Richard B
318 Subcommittee 9 of Committee 318 (<i>Design considerations, ACI Code</i>)	Independence
340 Ultimate Strength Design Handbook	40/41*
344 Circular Prestressed Concrete Structures (<i>Draft report</i>)	40/41*
423 Prestressed Concrete - Joint ACI-ASCE (<i>Unbonded post-tensioned concrete and service load behavior</i>)	Franklin
428 Limit Design - Joint ACI-ASCE (<i>Subcommittee reports; research</i>)	Valley Forge A
517 Low Pressure Steam Curing	Washington
523 Insulating and Cellular Concretes (<i>Final drafts on "Low Density Concretes"</i>)	William Penn
533 Precast Panels	Valley Forge B

MONDAY, March 7

2:00 p.m. - 5:00 p.m.

COMMITTEE	Meeting Room
118 Use of Computers (<i>Continuation of morning session</i>)	Poor Richard A
211 Proportioning Concrete Mixes (<i>Revisions of ACI 613-54</i>)	40/41*
215 Fatigue of Concrete	40/41*
304 Measuring, Mixing, and Placing of Concrete (<i>Organizational discussions and mission</i>)	Poor Richard B
305 Hot Weather Concreting (<i>Revision of ACI 605-59</i>)	Commodore Barry
309 Consolidation of Concrete	Valley Forge A
313 Concrete Bins and Silos	Philadelphia
318 Subcommittee 2 of Committee 318 on Load Tests (<i>Revision of 318, Chapter 2</i>)	40/41*
325 Structural Design of Concrete Pavements for Highways and Airports (<i>Subcommittee reports: prestress pavement; subgrade and subbases</i>)	Independence
344 Circular Prestressed Concrete Structures (<i>Continuation of morning session</i>)	40/41*
347 Formwork for Concrete (<i>Revision to the ACI Standard and Manual</i>)	Washington
408 Bond Stress (<i>Subcommittee reports, possible code recommendations</i>)	Jefferson
423 Prestressed Concrete (<i>Continuation of morning session</i>)	Franklin
437 Strength Evaluation of Existing Concrete Structures (<i>Review draft and initiate preparation of a guide on "Strength Evaluation of Existing Concrete Bridges"</i>)	Valley Forge B
523 Insulating and Cellular Concretes (<i>Continuation of morning session</i>)	William Penn

MONDAY, March 7

7:00 p.m.

309 Consolidation of Concrete (<i>Scope and committee objectives</i>)	Valley Forge A
318 Standard Building Code	Washington
515 Coatings for Concrete	Valley Forge B

*40/41 Rooms are located in exact relationships on all floor levels. See bulletin board for room floors.

TUESDAY, March 8

9:00 a.m. - 12:00 Noon

COMMITTEE	Meeting Room
117 Tolerances (<i>Classification of categories in concrete construction</i>)	Poor Richard B
201 Durability of Concrete	Valley Forge A
207 Mass Concrete (<i>Preparation of committee report, "Principles Applied to Mass Concrete Construction"</i>)	Independence
216 Fire Resistance and Fire Protection of Structures (<i>Reorganization of subcommittees; preparation of guide; report on research</i>)	Philadelphia
223 Expansive Cement Concretes (<i>Report on first draft of state of the art</i>)	Poor Richard A
316 Specifications for Concrete Pavements and Bases (<i>Revision of ACI 617-58</i>)	William Penn
318 Subcommittee 23 of Committee 318 on Footings (<i>Preliminary work for next Code</i>)	40/41*
344 Circular Prestressed Concrete Structures (<i>Draft report</i>)	40/41*
408 Bond Stress (<i>Code recommendations; subcommittee reports</i>)	Jefferson
421 Design of Reinforced Concrete Slabs - Joint ACI-ASCE (<i>Development of new design specifications</i>)	Commodore Barry
435 Deflection of Concrete Building Structures (<i>Final revision of committee report; subcommittee report on allowable deflections; recommendations for revision of ACI Code</i>)	Franklin
437 Strength Evaluation of Existing Concrete Structures (<i>Review draft and initiate a guide on "Strength Evaluation of Existing Concrete Bridges"</i>)	Valley Forge B

TUESDAY, March 8

2:00 p.m. - 5:00 p.m.

COMMITTEE	Meeting Room
Technical Educational Exhibits Open	
— Chapter Forum	Poor Richard B
223 Expansive Cement Concretes <i>(Continuation of morning session)</i>	Poor Richard A
302 Concrete Floor Finishes <i>(Future plans)</i>	Independence
307 Reinforced Concrete Chimneys <i>(Design and construction)</i>	40/41*
311 Inspection of Concrete <i>(Inspection Manual; code of inspection)</i>	Commodore Barry
318 Standard Building Code	Washington
344 Circular Prestressed Concrete Structures <i>(Draft report)</i>	40/41*
345 Concrete Bridge Decks <i>(Review of draft outline)</i>	Valley Forge A
436 Combined Footings and Caissons <i>(Caissons)</i>	Philadelphia
504 Joint Sealants	Jefferson
506 Shotcreting <i>(Discussion on new recommended practice and research needs)</i>	William Penn
512 Precast Structural Concrete <i>(Draft of recommended practice for precast design and construction)</i>	Franklin
543 Concrete Piles	Valley Forge B

COCKTAIL PARTY

6:30 p.m.

'ICEBREAKER'

... Crystal Ballroom

Compliments of the local committee

WEDNESDAY, March 9

9:00 a.m. - 12:00 Noon

COMMITTEE	Meeting Room
212 Admixtures	Commodore Barry
333 Composite Construction — Joint ACI-ASCE <i>(Research reports and subcommittee activities)</i>	Valley Forge B
348 Structural Safety	Washington
426 Shear and Diagonal Tension — Joint ACI-ASCE <i>(Research and subcommittee reports)</i>	William Penn
439 High-Strength Reinforcement in Concrete	Poor Richard B
442 Lateral Forces on Multistory Frames <i>(Subcommittee reports)</i>	Valley Forge A
504 Joint Sealants	Jefferson
516 High Pressure Steam Curing <i>(Symposium proposal)</i>	Poor Richard A
524 Portland Cement Plaster	40/41*
531 Concrete Masonry Structures <i>(Recommended practice; rational design of plain masonry)</i>	Franklin
543 Concrete Piles	Philadelphia

WEDNESDAY, March 9

FIRST GENERAL SESSION

2:00 p.m. - 5:00 p.m. Crystal Ballroom

CHAIRMAN: Harry F. Irwin, General Chairman, Convention Committee, and Kingston Trap Rock Company, Philadelphia, Pa.

☆ **Presidential Address:** A. Allan Bates, president of ACI, and chief of Building Research Division, National Bureau of Standards, Washington, D.C.

☆ **Observance of 50th Anniversary of the Portland Cement Association**

☆ **Presentation of New Standards and Revisions:**

Specifications for Structural Concrete for Buildings — by Committee 301, Russell S. Fling, chairman, and partner in the firm of Fling and Eeman, Inc., Consulting Engineers, Columbus, Ohio

Recommended Practice for Concrete Floor and Slab Construction — by Committee 302, A. T. Hersey, chairman, and technical service director, Alpha Portland Cement Co., Easton, Pa.

Recommended Practice for Shotcreting — by Committee 506, Thomas J. Reading, chairman, and chief materials engineer, Missouri River Division, U.S. Army Corps of Engineers, Omaha, Nebr.

☆ **50 Years of Research Progress** — J. H. Walker, vice-president of the Research and Development Division, Portland Cement Association, Skokie, Ill.

THURSDAY, March 10

12:15 p.m. Garden Terrace

AWARDS LUNCHEON

HONORARY MEMBERSHIP

Sir William Glanville
P. H. Bates
Joe W. Kelly

Henry C. Turner Medal to

LEWIS H. TUTHILL

"For his many important contributions to concrete technology and his untiring efforts toward improving the quality of concrete and of concrete construction practices."

Alfred E. Lindau Award to

RICHARD BRADSHAW

"In recognition of his ability in the design of many novel structures requiring practical application of recent advances in structural theory."

Henry L. Kennedy Award to the late

STEPHEN J. CHAMBERLIN

"In recognition of his devoted service to the Institute, and particularly for his efforts over nearly thirty years in arranging the annual Research Session and in compiling the annual compendium of Research in Progress."

Charles S. Whitney Award to

**THE ENGINEERING EXPERIMENT STATION,
UNIVERSITY OF ILLINOIS**

"For over sixty years of internationally outstanding contributions to the sciences and arts of concrete design and construction."

Construction Practice Award to

ANDREW R. NASSER

"For his paper 'Construction of Buttressed Dome Segment,' ACI JOURNAL, May 1964."

Wason Medal for Research to

M. L. JAMES, L. D. LUTES, and G. M. SMITH
"For their paper, 'Dynamic Properties of Reinforced and Prestressed Concrete Structural Elements,' ACI JOURNAL, November 1964."

Wason Medal for Most Meritorious Paper to

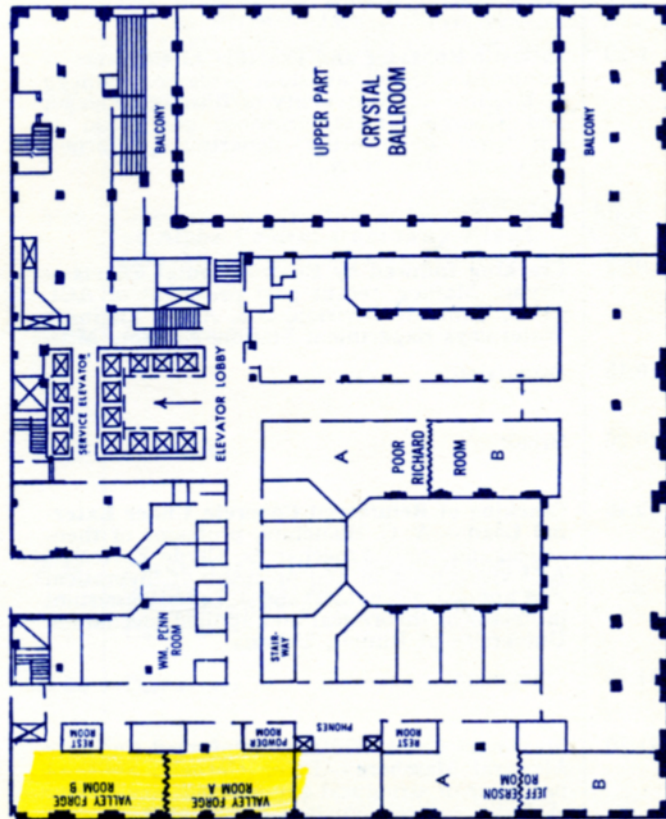
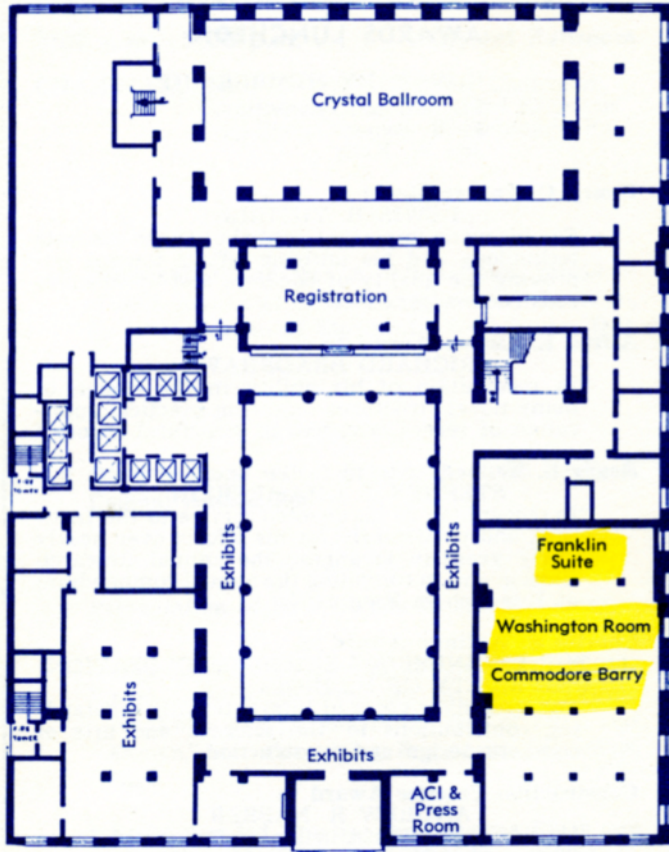
B. P. SINHA, K. H. GERSTLE, and L. G. TULIN
"For their papers, 'Stress-Strain Relations for Concrete under Cyclic Loading,' and 'Response of Singly Reinforced Concrete Beams to Cyclic Loading,' ACI JOURNAL, February 1964 and August 1964."

- **Announcement of Student Winners in Architectural Design Competition**
- **Report of Tellers and Introduction of New Officers**
- **Presentation of Memento to Retiring President**

FLOOR PLAN

EXHIBITS

Visit daily from Tuesday through Thursday the technical-educational exhibits along the main corridors of the mezzanine and in the Betsy Ross suite. . . . Make sure you have the flap from the inside of the program stamped at each booth to qualify for door prizes.



FLOOR PLAN

MEETING ROOMS

Second Floor and the Mezzanine

NOTE: Technical committees will meet in 40/41 rooms on the various floor levels of the hotel. Room positions are in exact relationship on all levels. Be sure to check the bulletin board for specific meetings and rooms.

NOTE: Breakfasts and other meetings will be held in the Philadelphia Room which is located below the main level of the hotel just off the Coffee Shop.

CONCURRENT

(Note time designations for each

SESSIONS

topic)



SYMPOSIUM ON CRACKING

. Crystal Ballroom

9:00 a.m. **CHAIRMAN: Robert E. Philleo, chairman of the Ad Hoc Committee on Cracking, and Office, Chief of Engineers, Department of the Army, Washington, D.C.**

9:05 **Introduction and Definition of Terms** — Robert E. Philleo

9:20 **Inelastic Behavior and Fracture of Concrete** — Surendra P. Shah, assistant professor, College of Engineering, University of Illinois, Chicago; and George Winter, professor and head of structural engineering department, Cornell University, Ithaca, N.Y.

9:40 Discussion

9:55 **Cracking Induced by Environmental Effects** — Bryant Mather, recent past president of ACI, Chief, Concrete Division, U.S. Army Engineer Waterways Experiment Station, Jackson, Miss.

10:15 Discussion

10:30 Break

10:45 **Cracking of Reinforced Concrete Under External Load** — A. C. Bianchini, professor of theoretical and applied mechanics; Clyde E. Kesler, ACI vice-president and professor of theoretical and applied mechanics; and J. L. Lott, assistant professor of theoretical and applied mechanics. University of Illinois, Urbana

11:05 Discussion

11:20 **Maximum Crack Width in Reinforced Concrete Flexural Members** — Peter Gergely, assistant professor of structural engineering; and LeRoy A. Lutz, research assistant, department of structural engineering, Cornell University, Ithaca, N.Y.

11:40 Discussion



CONSTRUCTION SESSION

. Franklin Suite

9:00 a.m. **CHAIRMAN: Charles W. Fleming, president of Fleming and Company, Builders, Wynnewood, Pa.**

9:05 **Post-Tensioned Roof Panels on North Terminal Building at Detroit Metropolitan-Wayne County Airport**—Jack L. Korb, vice-president, A. J. Etkin Construction Co., Oak Park, Mich.

9:25 Discussion

9:40 **Slipform Construction of Cement Storage Silos at Alpha Cement Company Plant** — A. M. Liberati, project manager, Nicholson Co., New York, N.Y.

10:00 Discussion

10:15 — Break —

10:30 **Place Victoria Complex, Montreal** — H. E. Greenspoon, partner in the firm of Greenspoon, Freedlander & Dunne, Montreal, Quebec, Canada

10:50 Discussion

11:05 **Automation on the Job Site** — Charles J. Pankow, president, Charles Pankow Inc., Altadena, Calif.

11:25 Discussion

CONCURRENT

(Note time designations for each



SYMPOSIUM ON CRACKING

. Crystal Ballroom

CHAIRMAN (Second Session): Joe W. Kelly, professor emeritus of civil engineering, University of California, Berkeley

- 2:30 p.m. Beginning of Second Session
- 2:30 **Control of Temperature Cracking in Mass Concrete** — C. L. Townsend, civil engineer, Dam Section, Bureau of Reclamation, Denver, Colo.
- 2:50 Discussion
- 3:00 **Control of Cracking in Reinforced Concrete** — Paul Kaar, senior development engineer, Research and Development Division, Portland Cement Association, Skokie, Ill.
- 3:20 Discussion
- 3:30 **Control of Cracking in Portland Cement Concrete Pavement**—J. D. Lindsay, chief engineer, Committee on Continuously Reinforced Concrete Pavements, Concrete Reinforcing Steel Institute, Chicago, Ill.
- 3:50 Discussion
- 4:00 **Prevention and Control of Cracking by Use of Short Random Fibers** — James P. Romualdi, professor of civil engineering, Carnegie Institute of Technology, Pittsburgh, Pa.
- 4:20 Discussion
- 4:30 **Expansive Cements in Concrete Construction** — Phillip W. Gutmann, manager, special products marketing, Medusa Portland Cement Co., Cleveland, Ohio
- 4:50 Discussion

SESSIONS

topic)



SYMPOSIUM ON TORSION

. Franklin Suite

CHAIRMAN: Gordon P. Fisher, chairman of Committee 438 and associate dean of engineering, Cornell University, Ithaca, N.Y.

- 2:30 p.m. **Review of Activities of Committee 438—Torsion** — Gordon P. Fisher
- 2:45 **Aspects of Torsion in Concrete Design**—Karl G. Tamberg, bridge research engineer, Ontario Department of Highways, Toronto, Ont., Canada; and Robert A. Shoolbred, field service engineer, Portland Cement Association, Atlanta, Ga.
- 3:15 **A Look at the Development of Torsion Theories of Structural Concrete**—Paul Z. Zia, professor of civil engineering, North Carolina State University, Raleigh
- 3:45 **Behavior of Concrete Members Subjected to Torsion**—Thomas T. C. Hsu, associate development engineer, Research and Development Division, Portland Cement Association, Skokie, Ill.; and Emory L. Kemp, associate professor of civil engineering, West Virginia University, Morgantown
- 4:35 **How to Design for Torsion**—Alan H. Mattock, professor of civil engineering, University of Washington, Seattle

This annual open meeting of ACI Committee 115, Research, differs from general sessions in that the information is not released for publication. Request is made that the proceedings be regarded as CONFIDENTIAL.

CHAIRMAN: William A. Cordon, chairman of ACI Committee 115-Research; and associate professor and director of structural materials research laboratory, Department of Civil Engineering, Utah State University, Logan

ACTING SECRETARY: George W. Washa, professor and chairman, department of mechanics, College of Engineering, University of Wisconsin, Madison

Behavior of Concrete Shell Structures — P. J. Pahl, professor of civil engineering, Massachusetts Institute of Technology, Cambridge

Epoxy - Bonded Composite T - Beams for Highway Bridges — James D. Kreigh, associate professor of civil engineering, University of Arizona, Tucson

Surface Chemistry of Cement — D. R. Rossington, associate professor of physical chemistry, State University of New York, Alfred

Ultimate Strength of Slabs — S. H. Simmonds, professor of civil engineering, University of Alberta, Edmonton, Alberta, Canada

Study of Rupture Phenomena in Concrete — Donald G. Leitch, assistant professor of civil engineering; and T. S. Huang, teaching assistant, department of civil engineering, University of Colorado, Boulder

Dynamic Strength of Plain Concrete — Eugene Zworyer, research professor of civil engineering, University of New Mexico, Albuquerque

Behavior of Reinforcement Crossing a Yield Line at an Angle other than 90 Degrees — Robert M. Dinnat, professor of civil engineering, Georgia Institute of Technology, Atlanta

Creep and Relaxation Properties of Concrete at High Temperatures — Carlos Cruz, research engineer, Research and Development Division, Portland Cement Association, Skokie, Ill.

How Safe Are Our Large R. C. Beams? — G. N. J. Kani, professor of civil engineering, University of Toronto, Toronto, Ontario, Canada.

Finite Element Analysis of Reinforced Concrete Members — A. C. Scordelis, professor of civil engineering, University of California, Berkeley

PHILADELPHIA CONVENTION OFFICERS

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EXHIBITS & DISPLAYS

LESTER JORDAN

LADIES PROGRAM

ELIZABETH IRWIN

TECHNICAL - EDUCATIONAL EXHIBITS

Be sure to visit each of these exhibits. . . . Discover for yourself the latest materials, equipment, and services that are available to help you in your endeavor . . . and, at the same time, qualify for valuable door prizes.

Booth No.(s)

1. Erico Products, Inc., Cleveland, Ohio
2. Phillips Drill Co., Michigan City, Ind.
- 3-4. Sika Chemical Corp., Passaic, N.J.
5. Sonoco Products Co., Hartsville, S.C.
6. Publishers' Exhibit, sponsored by the Conference Book Service, Inc., Alexandria, Va.
7. Stressteel Corp., Wilkes-Barre, Pa.
8. W. R. Grace & Co., Cambridge, Mass.
10. Chem-Masters Corp., Chagrin Falls, Ohio
11. Intrusion-Prepakt, Inc., Cleveland, Ohio
- 12-13. Master Builders, Cleveland, Ohio
14. Kingston Trap Rock Co., Kingston, N.J.
15. Gateway Erectors, Chicago, Ill.
16. Thermex Metallurgical, Inc., Lakehurst, N.J.
17. Calcium Chloride Institute, Washington, D.C.
18. Vibro-Plus Products, Inc., Stanhope, N. J.
19. Joseph T. Ryerson & Son, Inc., Chicago, Ill.
21. Atlas Prestressing Corp., LaGrange, Ill.
22. Edoco Technical Products, Inc., Long Beach, Calif.
23. Vacuum Concrete Corp., Philadelphia, Pa.
24. Protex Industries, Inc., Denver, Colo.
25. James Electronics, Inc., Chicago, Ill.
26. Desco International Association, Buffalo, N.Y.
27. The Prescon Corp., Corpus Christi, Texas
28. National Concrete Machinery Co., Division of Irl Daffin Associates, Inc., Lancaster, Pa.
29. Lee Turzillo Contracting Co., Brecksville, Ohio
30. Soiltest, Inc., Evanston, Ill.
31. American Can Co., Neenah, Wis.
- 33-34. Bethlehem Steel Corp., Bethlehem, Pa.
35. The Fly Ash Group:
Chicago Fly Ash Co.
Detroit Edison Co.
Viall-Ohio, Fly Ash Co., Inc.
36. TESTlab Corp., Chicago, Ill.
- 37-38. Union Carbide Corp., New York, N.Y.
- 39-40. United States Steel Corp., Pittsburgh, Pa.
Hunt Process Corp.-Southern, Ridgeland, Miss.

(Contributor)

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The Hospitality Suite will be open at 9:00 a.m. daily, March 7 through 11, with morning coffee. You are urged to use the Hospitality Suite as a "get-acquainted" center, to register there for the events which are planned for you, and to use it as a rendezvous to meet friends for personal shopping, etc.

MONDAY, March 7

9:00 a.m. - 4:00 p.m. Registration
9:00 a.m. - 11:00 a.m. Coffee in Hospitality Room
2:00 p.m. - 4:00 p.m. Cards Available in
Hospitality Room
8:30 p.m. Philadelphia Orchestra
(Gift tickets for early registrants)

TUESDAY, March 8

9:00 a.m. - 11:00 a.m. Hospitality
12:00 Noon Complimentary Luncheon at
Philadelphia 1700
6:30 p.m. - 8:30 p.m. "ICE-BREAKER" —
Crystal Ballroom

WEDNESDAY, March 9

9:00 a.m. - 10:00 a.m. Hospitality
10:00 a.m. Visit to Fairmount Park Houses
1:00 p.m. Luncheon at 2601 Parkway*
8:30 p.m. Theatre Gift Tickets for
Early Registrants

THURSDAY, March 10

9:00 a.m. - 11:00 a.m. Hospitality
2:30 p.m. "Mystic and Magical East"
Armine Levonian followed by Tea
Jefferson Room

FRIDAY, March 11

9:00 a.m. - 11:00 a.m. Hospitality
* Trip and Luncheon Tickets — \$4.00

PHILADELPHIA HOSTESS COMMITTEE

Mrs. Harry F. Irwin, Chairman
Mrs. Jacob J. Creskoff, Co-Chairman

Planning Committee

Mrs. Karl P. Billner	Mrs. Alfred A. Estrada
Mrs. Charles W. Fleming	Mrs. Ralph Koliner
Mrs. Charles A. Keelen	Mrs. Donald D. Meisel
Mrs. Lester E. Jordan	Mrs. Samuel S. Baxter

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Mrs. Charles C. Ang	Mrs. Frank C. Hartzell
Mrs. James C. McCloskey, Jr.	Mrs. Arthur W. Lookup
Mrs. Stanley E. Giffing	Mrs. Charles C. Zollman
Mrs. Frederic Roll	Mrs. Isadore Caplan
Mrs. Sidney Shorr	Mrs. Joseph J. R. Farrell
Mrs. John B. Yerkes	

Committee Members, identified by distinguishing badges, will be happy to answer questions or help with problems.

N O T E S