

# A.C.I.

12 th. REGIONAL MEETING



MEXICO, D. F.

Nov. 2-5 1959

HEADQUARTERS:

HOTEL CONTINENTAL HILTON

HOTEL DEL PRADO

FACULTY OF ENGINEERING  
UNIVERSITY, CITY.





# 'ACI'

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## ORGANIZING COMMITTEE

For the 12th Regional Meeting 1959 of the American  
Concrete Institute in Mexico, D. F.  
Torre Latino Americana 25th Floor  
Telephone: 10-99-03

President: Alberto Dovali Jaime.

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Technical Visits: Felix Candela.

Educational Contacts: Enrique Torres de Alba.

Members Promotion: Alfonso Marin E.

Exhibits: Juan Antonio Pardo Bolland.

Social Events: Rafael Hernández y Hernández.

## PROGRAM

MONDAY NOVEMBER 2nd.

### REGISTRATION:

From 10.00 a.m. to 1.00 p.m., and from 5.00 p.m. to 9.00 p.m.

— Lobby Hotel Continental Hilton.

The following days will be at the School of Engineering at the University City, from 9.00 a.m. to 12.00 m., and from 4.00 p.m. to 6.00 p.m.

Registration Fee: \$ 3.00 U. S. Cy.

\$ 37.50 Mex. Cy.

### VISITORS LIVING QUARTERS:

Hotel Continental Hilton.  
Paseo de la Reforma No. 166.  
Telephone: 18-07-00.

Hotel del Prado.  
Avenida Juarez No. 70.  
Telephone: 18-00-40.

### EXHIBITS

From 9.00 a.m. to 6.00 p.m. Tuesday Nov. 3rd to Thursday Nov. 5th at the Auditorium of the Faculty of Engineering at the University City.

Firms supplying materials, equipment and services used in various fields of civil engineering will participate in the exhibition of concrete products. The exhibits will afford the opportunity to observe first hand the latest developments available, for practicing engineering.

### COCKTAIL OF WELCOME

Salon Virreinal

Continental Hilton

7.00 p.m. to 9.00 p.m.

At this first general gathering, the President of the Committee will address the visitors and participants. All those who have paid the registration fee and their wives, are welcome free of charge. Tickets will be available at the registration desk.

### TUESDAY NOVEMBER 3rd.

NOTE: All the official meetings and conferences will take place at the Auditorium of Faculty of Engineering, University City.

Transportation for each day:

\$ 3.00 U. S. Cy.

\$ 37.50 Mex. Cy.

Tickets at the registration desk.

10.00 a.m. OFFICIAL OPENING OF THE 12th REGIONAL MEETING.

10.30 a.m. STRESS ANALYSIS OF THE HYPERBOLIC PARABOLOID CONSIDERED AS A TRAFICATION SURFACE.—Ignacio Canals — Josee Molina Montes.

11.00 a.m. ANALYSIS AND DESIGN OF WARP SURFACES.—Ignacio Canals — Guillermo Gargollo.

11.30 a.m. DFP BEAMS — Elihu Geer.

12.00 a.m. PRESTRESSED CONCRETE "DYWIDAG" — Ulrich Finsterwalder.

### 1.30 p.m. LUNCHEON

Luncheon will be offered by courtesy of the University Board of Directors, affording the opportunity to visit the installations of the University City of Mexico. — Tickets may be obtained at the registration desk.

Price: \$ 3.00 U. S. Cy. — \$ 37.50 Mex Cy.

4.00 p.m. PRESTRESSED CONCRETE BRIDGE CONSTRUCTION IN MEXICO.—Vicente Guerrero y Gama.

4.30 p.m. ELASTIC ANALYSIS OF SHEAR WALLS IN TALL BUILDINGS.—Emilio Rosenblueth — Ignacio Holtz.

5.00 p.m. PRESTRESSED AND PRECAST CONCRETE ARCHES HAVING '02' 6" OF CLEAR SPAN FOR AN INDUSTRIAL ROOF.—E. R. Cancio — Angel Herrera.

5.30 p.m. PRESTRESSED PIPES AND PRESTRESSED POWER POLES.—R. J. Sweitzer.

6.00 p.m. A MULTI-PURPOSE CONCRETE BUILDING BUILT OF PRECAST THIN SHELL PANELS.—Arsham Amirikian.



### WEDNESDAY NOVEMBER 4th.

- 9.00 a.m. REINFORCED CONCRETE HYPERBOLIC PARABOLOID SHELLS, UMBRELLA TYPE.—Howard P. Harrenstien.
- 9.30 a.m. FOLDED PLATE DESIGN FOR REINFORCED CONCRETE RAFT FOUNDATION OF A 24 STORY BUILDING.—Ignacio Martin — Sixto Ruiz.
- 10.00 a.m. BEHAVIOR AND STRENGTH IN SHEAR OF REINFORCED CONCRETE BEAMS AND FRAMES WITHOUT WEM REINFORCEMENT.—Roger Diaz de Cossio — Chester P. Siess.
- 10.30 a.m. GENERAL FORMULAE FOR MEMBRANE STRESS IN HYPERBOLIC PARABOLOID SHELLS.—Felix Candela.
- 11.00 a.m. RELATIONSHIP BETWEEN RESEARCH AND SPECIFICATIONS, AND THE EFFECT OF BOTH ON DESIGN PRACTICE.—Chester P. Siess.

#### 12.30 p.m. VISIT AND PICNIC LUNCHEON AT THE XOCHIMILCO FLOATING GARDENS.

Enjoy the typical scenery of this region and of its people. Admire the freedom and dexterity of the Mexican, paddling along the canal in their canoes full of flowers.

For this social reunion you may get your tickets at the Registration.

Price: \$ 4.00 U. S. Cy. — \$ 50.00 Mex. Cy.

- 4.00 p.m. REINFORCING STEEL.—Luis Gimenez Cacho.
- 4.30 p.m. SPECIAL REINFORCING STEEL FOR CONCRETE.—Cia. Fundidora de Hierro y Acero de Monterrey, S. A.
- 5.00 p.m. COLD TWISTED STEEL PRODUCED IN MEXICO.—Max Calva Cuadrilla.
- 5.30 p.m. SPACES WRAPS IN MODERN ARCHITECTURE.—Eduardo Torroja.

### THURSDAY NOVEMBER 5th.

- 9.00 a.m. CONCRETE DAMS.—Warren Simmons.
- 9.30 a.m. READY MIX CONCRETE.—Livio Pontecorvo.
- 10.00 a.m. A RIGID PRESTRESSED CONCRETE TIE FOR MEXICO.—Alberto Dovali Jaime.
- 10.30 a.m. RECESS.
- 11.00 a.m. FOUR DECADES OF IMPROVED CONCRETE TECHNOLOGY FOR WATER RESOURCE DEVELOPMENT.—Grant Blodgood.
- 11.30 a.m. ALKALI — AGGREGATE REACTION IN CONCRETE.—Bryant Mather.
- 4.00 p.m. THE PRESTRESSED GERMAN TIE AND ITS SUCCESS.—Herman Meir.
- 5.00 p.m. GENERAL COMMENTS.—Leonardo Zeevaert.
- 5.30 p.m. OFFICIAL CLOSURE OF THE 12th REGIONAL CONVENTION. (Auditorium of the Faculty of Engineering — University City of Mexico).

#### DINNER — DANCE

Salón de los Candiles.  
Hotel del Prado.

9.00 p.m.

Featuring show of modelled typical Mexican costumes, and regional dances. Tickets at the Registration desk.  
\$ 10.00 U. S. Cy. — \$ 125.00 Mex. Cy.

### LADIES PROGRAM

PROGRAM OF LADIES ACTIVITIES DURING THE 12th REGIONAL MEETING OF THE AMERICAN CONCRETE INSTITUTE. TO BE HELD IN MEXICO CITY

#### MONDAY NOVEMBER 2nd.

- 7.00 p.m. COCKTAIL OF WELCOME — HOTEL CONTINENTAL HILTON.

#### TUESDAY NOVEMBER 3rd.

- 9.00 a.m. VISIT TO THE NATIONAL PALACE AND NATIONAL MUSEUM OF MEXICO.
- 11.30 a.m. BUS TOUR OF IMPORTANT SHOPPING CENTERS OF DOWNTOWN MEXICO CITY. TO SHOW TYPICAL SILVER AND LEATHER SHOPS, AND NACIONAL MONTE DE PIEDAD (Charity Pawnbroker Institution).
- 12.30 p.m. VISIT TO THE INSTALLATIONS OF UNIVERSITY CITY AND LUNCHEON COURTESY OF THE UNIVERSITY'S BOARD OF DIRECTORS. TICKETS AT THE REGISTRATION DESK.  
Luncheon: \$ 3.00 U. S. Cy. — \$ 37.50 Mex. Cy.
- 4.30 p.m. Sightseeing houses in the village of Obregon  
\$ 2.00 U. S. Cy. — \$ 25.00 Mex. Cy.  
Transportation: \$ 3.00 U. S. Cy. — \$ 37.50 Mex. Cy.

### WEDNESDAY NOVEMBER 4th.

- 9.30 a.m. VISIT TO THE TENAYUCA PYRAMID, IN THE OUTSKIRTS OF MEXICO CITY.
- 12.30 p.m. VISIT AND PICNIC LUNCHEON AT THE XOCHIMILCO FLOATING GARDENS — \$ 4.00 U. S. Cy. — \$ 50.00 Mex. Cy.  
Transportation: \$ 3.00 U. S. Cy. — \$ 37.50 Mex. Cy.

#### THURSDAY NOVEMBER 5th.

- 9.00 a.m. BREAKFAST AT THE TERRACE OF CHAPULTEPEC CASTLE. VISIT TO MUSEUM ESTABLISHED THERE AND THE SURROUNDING WOOD.  
\$ 2.00 U. S. Cy. — \$ 25.00 Mex. Cy.
- 11.30 a.m. VISIT TO THE MUSEUM OF RELIGIOUS ART AND THE METROPOLITAN CATHEDRAL OR THE SHRINE OF GUADALUPE. OR FREE FOR SHOPPING.
- 8.00 p.m. DINNER AND GRAND-BALL AT HOTEL DEL PRADO. FEATURING SHOW OF MODELLED TYPICAL MEXICAN COSTUMES AND REGIONAL DANCES.  
\$ 10.00 U. S. Cy. — \$ 125.00 Mex. Cy.



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## TECHNICAL VISITS BY SPECIAL ARRANGEMENT OF THE REGIS- TRATION DESK UNTIL WENEDSDAY NOON

### COST WILL DEPEND ON NUMBER OF REGISTRANTS

New BACARDI plant — About 20 miles from Mexico City, on new  
 highway to Queretaro.  
 Several examples of concrete shell building, including cross vaults of  
 square plan having sides 98' 2" long.  
 All day visit's out of Mexico, D. F., conducted by FELIX CANDELA.  
 Hotel Casino de la Selva, Cuernavaca, Morelos.  
 Theatre, Restaurant and Chapel covered with concrete shells under  
 construction. FELIX CANDELA.  
 Possible visit to Lomas de Cuernavaca, Housing Development, GUI-  
 LLERMO ROSSELL & MANUEL DE LA ROSA.  
 Open Chapel, Market and Plaza de los Abanicos. Shell structures. Vi-  
 sits in the City.  
 Hotel Maria Isabel, Paseo de la Reforma, Mexico City.—JOSE VI-  
 LLAGRAN AND JUAN SORDO MADALENO.  
 Structural and foundation consulting engineers.—LEONARDO ZEE-  
 VAERT.  
 Concrete structure for a hotel with very interesting foundation. Ex-  
 cavation is 45' dep.  
 Office building (Sullivan & Serapio Rendon Streets) — RICARDO  
 DE ROSINA AND GUILLERMO GARGOLLO.  
 Medical Center Mexico City.—Group of Hospitals and Clinics.—Di-  
 rector of the Project: ENRIQUE YASEZ.—General Director to  
 the Constructing Commission: JORGE MEDELLIN.  
 Visit to the Hydroelectric Plant in Necaxa, limited number of visi-  
 tors. Please make your reservation as soon as possible.  
 One Day tour for 50 persons only on Saturday 7 Nov. 1959.  
 Both these tours are free by courtesy of the Mexican Light and  
 Power Company.

### EXCURSIONS AFTER MEETING

PIRAMIDES DE SAN JUAN TEOTIHUACAN.  
 1 Days — \$ 10.00 U. S. Cy.  
 \$ 125.00 Mex. Cy.  
 QUERETARO — SAN MIGUEL ALLENDE — GUANAJUATO.  
 3 Days — \$ 55.00 U. S. Cy.  
 \$ 687.00 Mex. Cy.  
 MEXICO — PUEBLA — FORTIN — MEXICO.  
 3 Days — \$ 55.00 U. S. Cy.  
 \$ 687.00 Mex. Cy.  
 MEXICO — OAXACA — MEXICO.  
 3 Days — \$ 80.00 U. S. Cy.  
 \$ 1,000.00 Mex. Cy.  
 MEXICO — MERIDA — MEXICO.  
 3 Days — \$ 82.00 U. S. Cy.  
 \$ 1,250.00 Mex. Cy.  
 MEXICO — CUERNAVACA — TAXCO — ACAPULCO.  
 3 Days — \$ 100.00 U. S. Cy.  
 \$ 1,125.00 Mex. Cy.

### FOR INFORMATION AND RESERVATIONS PLEASE CONTACT

- (1) Asociación Mexicana de Agencias de Viajes.  
 Madrid 21 — 220.  
 Tel. 46-79-36.
- (2) Consejeros de Viajes Mexico  
 Genova 30.  
 Tel. 25-75-20.
- (3) Wagon Lits Cook.  
 Avenida Juárez 88.  
 Tel. 18-11-80.
- (4) Agencia de Viajes Antonio Perez.  
 Paseo de la Reforma 133.  
 Tel. 46-98-82.