



# FIP/PCI CONGRESS NEW YORK, 1974

Gale M. Spowers

Executive Director  
FIP/PCI Congress

Use of prestressed concrete in the United States has increased at a near-phenomenal rate—doubling in the past 5 years alone to nudge a billion-dollar volume in 1972.

This achievement clearly indicates the great pressure on engineers, architects, and producers to apply themselves almost exclusively to the day-to-day demands of practical design and construction.

As healthy as this expansion is, valuable perspective can be lost to the individual who fails to pause periodically for a good, hard look at changes taking place in common practice, at national and international trends in design and construction techniques, and at new research findings.

Annual Prestressed Concrete Institute Conventions supply this need in a national context. But 1974 will bring to the United States the multilingual, in-

ternational FIP/PCI Congress—the first real opportunity to measure North America's technical progress in prestressing against that of the rest of the world.

The Prestressed Concrete Institute, organizer of the Congress, foresees attendance by more than 3500 engineers, architects, researchers, and producers of prestressed concrete from as many as 70 countries.

Previous Congresses—in London, Amsterdam, Berlin, Rome, Paris, and Prague—earned for this meeting worldwide recognition as the source of technical papers which most heavily influence the art and science of prestressing. The 1974 Congress will provide the platform for contributions from the world's most distinguished authorities. It will make possible a long-needed, comprehensive review of the rapidly accelerating advances in manufacture, construction, design, and research.

The PCI committee charged with responsibility for the organization of the Congress is chaired by **James H. Gil-**

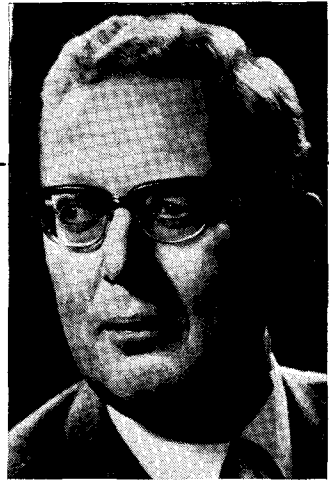
## Prestressed Concrete Institute Organizes World-Wide Prestressing Convention

*FIP/PCI Congress, New York 1974, will be headquartered at the New York Hilton and the Waldorf-Astoria, New York City, May 26 through June 1, 1974. For the first time in the history of the Fédération Internationale de la Précontrainte, the quadrennial FIP Congress will be held in the United States.*

bert, president of C. W. Blakeslee & Sons, Incorporated. Mr. Gilbert promises to apply the typically American emphasis on practicality in the conduct of the Congress. Engineers, architects, and producers attending the Congress are assured a wealth of information which is immediately applicable to their daily work in addition to important examinations of the challenges of the future.

The stated purposes of the 1974 Congress are to:

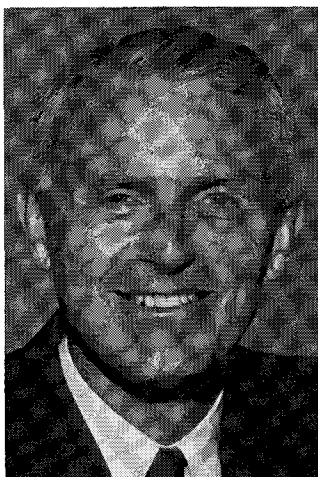
- Broaden international contacts and collaboration
- Encourage a lively exchange of experience and ideas among delegates
- Provide a valuable overview of world progress in both design of structures and techniques of prestressing
- Bridge the technological gap between countries
- Update knowledge of recent research findings
- Substantially advance the under-



**Dr. G. F. Janssonius**, Director of Technical Services, City of Amsterdam, Netherlands, is President of FIP. Dr. Janssonius' term in the Presidency expires during the Congress when he will be succeeded by **Ben C. Gerwick, Jr.** of the United States.

standing of the many aspects of prestressing.

Congress activities will start on Saturday, May 25, and conclude at noon on Saturday, June 1, 1974. The main sessions will feature instantaneous translation in the four official Congress languages—English, French, German, and Russian. A number of short techni-



**Ben C. Gerwick, Jr.**, *Consulting Construction Engineer and Professor, Department of Civil Engineering, University of California at Berkeley*, has represented PCI on the Executive Committee of FIP for many years. He was elected Deputy-General Vice-President of FIP at the Prague Congress in 1970. Gerwick, a Past President of PCI, is serving as consultant to the FIP/PCI Congress Organizing Committee.

cal tours to sites of interesting New York City structures are offered during the week of the Congress. A busy social program will stimulate informal exchange of information among professional colleagues.

## *Technical Program*

### **Lectures on research, design, manufacturing, and construction**

These lectures will be presented by eminent authorities including:

- Leonhardt (West Germany)
- Levi (Italy)
- Mikhailov (Soviet Union)
- Lacroix (France)
- Dennington (United Kingdom)
- Hognestad (United States)

The lecture subjects will include:

- Developments in high strength concrete
- Urban motorways
- Pollution control structures
- Rapid transit
- Foundations and ground anchors
- Industrialized building construction
- Outstanding buildings, bridges, and other structures
- Overall aspects of fire resistance

- Promotion of prestressed concrete utilization
- Nuclear power plants
- Bridge construction
- Mass production of prestressed concrete elements
- Construction
- New materials
- Product development and new techniques
- Design
- Connections
- Recommended practice
- Research

### **Reports of selected FIP Commissions**

- Practical Construction
- Lightweight concrete
- Seismic design
- Sea structures

### **Open FIP Commission meetings**

- Machinery foundations
- Steels for prestressing
- Special concretes
- Prefabrication

### **Featured luncheon speakers**

Featured luncheon speakers will address the subjects of housing and urban development, and nuclear power development.

## American participation

While the international nature of the Congress brings a great number of speakers from other countries, American participation will be substantial and very much in evidence. Speakers from the United States and Canada will be featured and the active co-chairmen of every session will be well-known members of PCI. The PCI Congress Organizing Committee and the PCI staff have played a direct and influential part in the selection of program content.

No "regular" PCI Convention will be held in 1974. The FIP/PCI Congress will be the major PCI undertaking which will tremendously increase the awareness of prestressed concrete in the United States on the part of the public and the professions.

## Call for Papers

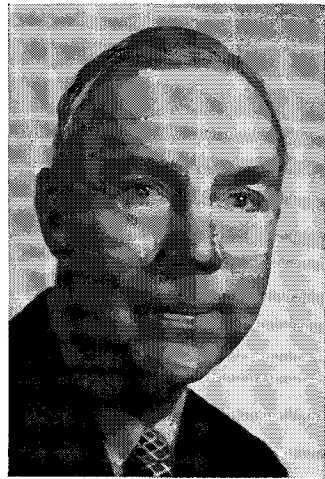
Fourteen major technical sessions, each consisting of five or more presentations, are scheduled. In addition, four special Congress sessions are reserved to accommodate technical papers contributed on an open voluntary basis. For details, interested authors should contact the:

Secretary General  
Fédération Internationale de la  
Précontrainte  
Terminal House, Grosvenor Gardens  
London SW1, ENGLAND

Proposals for papers must be mailed for receipt not later than November 1, 1973. An advisory panel will evaluate the appropriateness of each application.

## Awards and Social Program

The nontechnical program will include installation of new FIP officers, presentation of Freyssinet and FIP medals, presentation of certain PCI awards and honors, an all-nations cocktail party, two special Congress luncheons, a PCI luncheon, a ladies pro-



**James H. Gilbert**, *President, C. W. Blakeslee & Sons, Incorporated, is Chairman of the FIP/PCI Congress Organizing Committee charged with overall administration of the Congress under the direction of the PCI Board of Directors. Gilbert is a Past President of PCI.*



**Edward Schechter**, *President, Stressteel Corporation, is a member of the FIP/PCI Congress Organizing Committee and Chairman of its subcommittee responsible for the exhibition.*

gram, and various local technical and sightseeing tours.

### *Post-Congress Tours*

Three post-Congress tours are offered to those attending the Congress. Each tour departs New York City on Saturday, June 1, and returns to New York City on Thursday, June 6.

#### **Tour No. 1: Mexico City and Acapulco, Mexico**

This tour includes a day-long post-Congress technical session organized by the Instituto Mexicano del Cemento y del Concreto, A.C. (IMCYC).

#### **Tour No. 2: San Francisco, Las Vegas, Grand Canyon, and Chicago**

In addition to other technical visits, this tour includes a morning inspection of the Portland Cement Association laboratories near Chicago, Illinois.

#### **Tour No. 3: Philadelphia and Washington, D.C.**

This tour includes visits to U.S. Government offices and to the laboratories of the U.S. National Bureau of Standards.

### *FIP/PCI Congress Attracts Strong Support*

The magnitude of this event, a "first" for the United States, is suggested by the aggressive interest shown by the large number of professional, trade, governmental, and educational organizations endorsing the Congress. The following have, to date, allied themselves with PCI in organizing and promoting the Congress:

#### **Contributing Societies**

American Concrete Institute  
American Society for Testing and Materials  
Portland Cement Association

#### **Cooperating Societies**

American Institute of Architects  
American Society of Civil Engineers

The Associated General Contractors of America  
Canadian Prestressed Concrete Institute  
Comité Européen du Béton  
Concrete Reinforcing Steel Institute  
Expanded Shale, Clay and Slate Institute  
International Association for Shell and Spatial Structures  
Lehigh University  
National Society of Professional Engineers  
U.S. Army Corps of Engineers  
U.S. Department of Commerce, National Bureau of Standards  
U.S. Department of Housing and Urban Development  
U.S. Department of the Interior, Bureau of Reclamation  
University of California  
University of Illinois

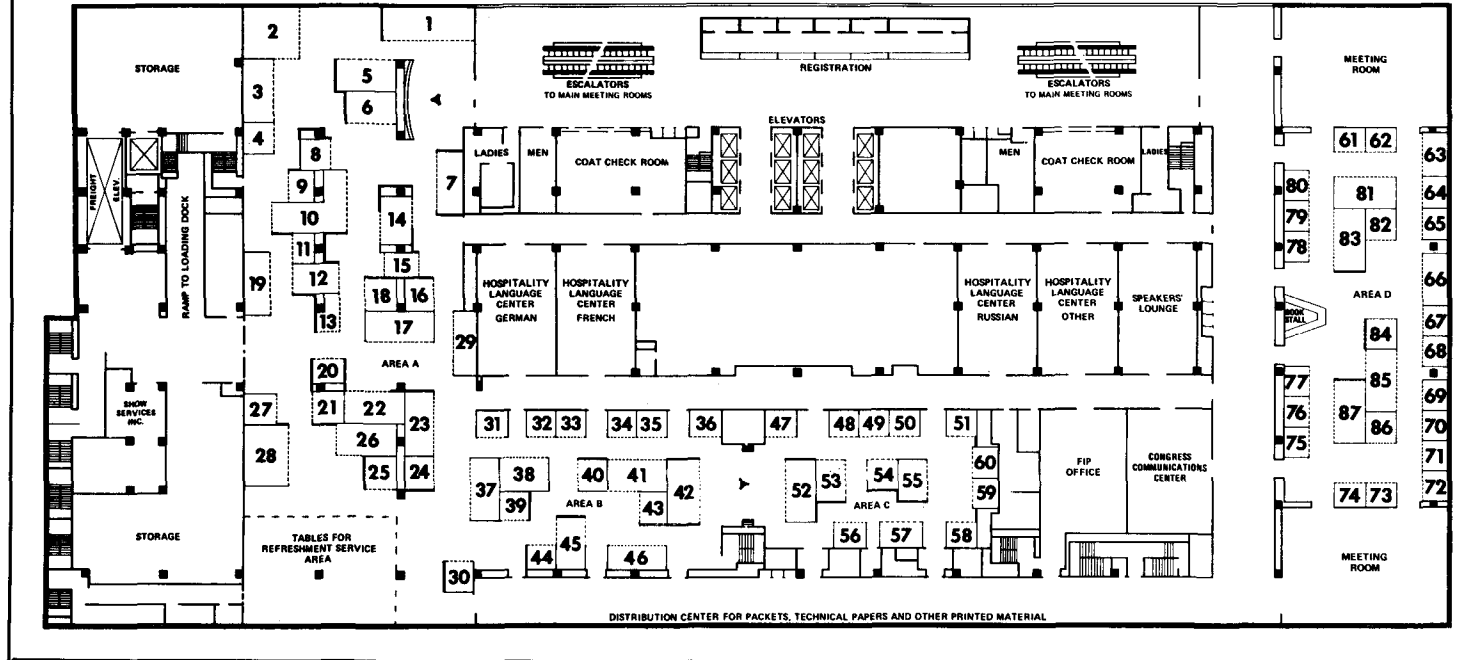
### *Congress Exhibition*

A highlight of the Congress will be the remarkably large Exhibition of prestressing machinery, equipment, materials and services. The Exhibition area of 30,000 sq ft, readily accessible to Congress meeting rooms, is 80 per cent rented at this early date. Exhibiting firms divide themselves approximately 50/50 domestic and overseas Exhibitors.

### *New York Locale*

New York City is an eminently appropriate location for this great international Congress. The New York Hilton and the Waldorf-Astoria are a short stroll apart and are close to many famous landmarks, museums, and centers of learning. Within close proximity to the hotels are the United Nations Headquarters, Lincoln Center for the Performing Arts, Metropolitan Museum of Art, Museum of Modern Art, Rockefeller Center, the Empire State Building,

# WORLD'S LARGEST EXHIBITION OF PRESTRESSING MACHINERY, EQUIPMENT, MATERIALS AND SERVICES HIGHLIGHTS FIP/PCI CONGRESS, NEW YORK, 1974



*Plan of the Exhibition reflects the influence of European trade fairs, eliminating monotonous, long straight aisles between rows of booths typically found in United States shows. A refreshment area and a stall for sale of technical books add attraction for visitors.*

Park Avenue and Fifth Avenue, Times Square with its many theatres, Madison Square Garden, St. Patrick's Cathedral, and many other attractions. New York provides an inspiring setting for a technical program emphasizing the role of prestressed concrete in the expanding economy of the world.

A most favorable arrangement of special room rates for delegates has been made with the New York Hilton and the Waldorf-Astoria. In recognition of this special range of room rates, all delegates must be housed at these two hotels.

The official announcement of the FIP/PCI Congress, New York, 1974 will be mailed from PCI early this year. It will offer the Congress Information Booklet which gives all details and includes registration forms.

## *Federation Internationale de la Precontrainte*

### **President**

Dr. G. F. Janssonius, Netherlands

### **Deputy-General Vice-President**

Professor Ben C. Gerwick, Jr., United States

### **Honorary Presidents**

Monsieur Y. Guyon, France

Professor Dr. Ing. Franco Levi, Italy

### **General Secretary and Treasurer**

Mr. Philip Gooding, Great Britain

### **Assistant Secretary**

Miss Christine Sherwood

### **Technical Secretary**

Mr. W. F. G. Crozier

## *Prestressed Concrete Institute FIP/PCI Congress Organizing Committee*

### **Chairman**

James H. Gilbert

### **Committeemen**

Thomas J. D'Arcy

Eugene J. Fasullo

James A. Frohlich

Eivind Hognestad

George H. Paris

James D. Piper

Edward Schechter

Robert H. Singer

Jack Streblow

### **Ex-Officio**

W. Burr Bennett, Jr.

### **Consultant to the Committee**

Ben C. Gerwick, Jr.

### **Executive Director**

Gale M. Spowers

### **Director of Meetings**

Gary H. Munstermann

### **Administrative Assistant**

Cathy Bowen