

## TESTING FORUM

### ASTM D-18 News

#### The Pressuremeter and Its Marine Applications: Second International Symposium

The pressuremeter is a tool that is used increasingly in Geotechnical Engineering. Gathering further understanding of the pressuremeter, its potential, and developing an ASTM standard for pressuremeter tests, are the goals of this Second International Symposium on the Pressuremeter and its Marine Applications to be held 2-3 May 1986 at Texas A&M University. The symposium will be held just prior to the Offshore Technology Conference. Five sessions will be held.

The major symposium topic areas include pressuremeter equipment and insertion technique, pressuremeter test procedures, pressuremeter test: theoretical analysis, obtaining soil mechanics parameters from pressuremeter test results, foundation design based on pressuremeter results, use of pressuremeter results for gravity platform, use of pressuremeter results for pile foundation platforms, and other uses of pressuremeter results in marine geotechnical engineering.

The symposium will be held on the third floor of the Rudder Tower on the Texas A&M University campus. College Station is 90 miles north of Houston, 175 miles south of Dallas. Commuter airlines fly to and from College Station airport. Alternatively you can rent a car at Houston Intercontinental Airport and enjoy the 90 miles drive through the countryside.

More information on this Symposium is available from the co-chairmen: Jean-Louis Briaud, Civil Engineering Department, Texas A&M University, College Station, Texas 77843, 409/845-3795; and Jean M. E. Audibert, Earth Technology Corporation, 7020 Portwest Drive, Suite 150, Houston, Texas 77024, 713/869-000; or from ASTM Staff Manager Robert Morgan, ASTM, 1916 Race St., Philadelphia, PA 19103, 215/299-5505.

#### Hardbound Proceedings of Osterberg Symposium

A 435-page, hardbound proceeding of the August symposium honoring Jorj O. Osterberg at Northwestern University is available from the Department of Civil Engineering.

More than 120 distinguished scientists and engineers from 15 states and 5 countries enjoyed a day of lectures recognizing their colleague's contributions to foundation engineering.

Out-of-print Osterberg classics and symposium papers are contained in *The Practice of Foundation Engineering: A Volume Honoring Jorj O. Osterberg*. The contents of this practical volume are listed below.

#### J. O. Osterberg Out-of-Print Classics

- A New Survey of the Frost-Heaving Problem (1940)
- New Piston-type Soil Sampler (1952)
- An Improved Hydraulic Piston Sampler (1973)
- Current Practice in Foundation Design—II (1963)
- Drilled Caissons—Design, Installation and Application (1969)

- Load Transfer Mechanism for Piers Socketted in Hard Soils or Rock (1973)
- Failures in Exploration Programs (1978)
- A New Simplified Method for Load Testing Drilled Shafts (1984)
- Preventing Failures—Building Redundancy into the System (1985)

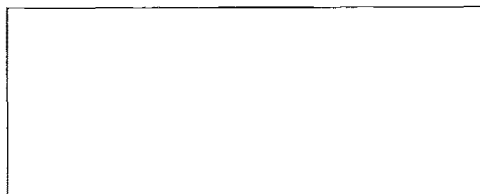
#### Contributed Papers by Colleagues

- Field Investigation
    - Measure and Use of the In Situ Lateral Stress  
John H. Schmertmann  
Schmertmann & Crapps, Inc., Gainesville, FL
    - Undisturbed Sampling of Saturated Sands by Radial Freezing In Situ  
Y. Yoshimi  
Tokyo Institute of Technology
    - The Role of Sampling in Field Investigation  
Nils Flodin  
Royal Institute of Technology, Stockholm
    - Experience with the Osterberg Piston Sampler  
Robert G. Lukas and Ted D. Bushell  
STS Consultants, Ltd., Northbrook, IL
  - Foundation Performance
    - Some Aspects of Foundation and Substructure Construction in South-East Asia  
S. L. Lee, G. P. Karunaratne and K. Y. Yong  
National University of Singapore
    - Comparisons of Predicted and Measured Settlements  
H. E. Wahls  
North Carolina State University, Raleigh
    - Variation of Contact Pressure with the Consolidation of Clays  
P. Ballesteros-Barocio  
National University of Mexico, Mexico City
  - Foundation Construction
    - Construction of Drilled Shafts  
Clyde N. Baker, Jr. and Safdar A. Gill  
STS Consultants, Ltd., Northbrook, IL
    - A New Permanent Ground Anchor System  
Serge Varaksin  
Intrafor-Cofor, Paris
  - Legal Aspects
    - Observations on Litigating Construction Claims  
Allen L. Overcash  
Partner: Woods, Aitken, etc., Lincoln, NE
    - International Patent Litigation: Guidelines for the Engineer  
Bradley J. Hulbert and Louis Bernat  
Attorneys, Chicago, IL
    - Managing Performance and Conflict  
John P. Gnaedinger  
STS Consultants, Ltd., Northbrook, IL
- The book also contains a history of NU's geotechnical program and a biography of J. O. Osterberg.
- For a copy of this unique volume, send \$30 to: Prof. Charles H. Dowding, Department of Civil Engineering, Northwestern University, Evanston, IL 60201.

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# ASTM Committee D-18 on Soil and Rock

## Scope

The promotion of knowledge; stimulation of research; the development of specifications and methods for sampling and testing; and the development of nomenclature, definitions, and practices relating to the properties and behavior of soil, rock, and the fluids contained therein. Excluded are the uses of rock for building stone and for constituent materials in portland cement and bituminous paving and structures coming under the jurisdiction of other committees. Included are the properties and behavior of: (1) soil-like materials such as peats and related organic materials, (2) geotextiles, and (3) fluids occupying the pore spaces, fissures, and other voids in soil and rock insofar as such fluids may influence the properties, behavior, and uses of the soil and rock materials.

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**Vice-Chairman:** P. M. Jarrett, Royal Military College, Department of Engineering, Kingston, Ontario, Canada K7L 2W3.

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**Membership Secretary:** H. F. Hanson, Los Angeles City, Department of Water and Power, P.O. Box 111, (510 E. Second St.), Los Angeles, CA 90051.

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#### **D18.03 Texture, Plasticity, and Density Characteristics of Soils**

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#### **D18.04 Hydrologic Properties of Soil and Rock**

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#### **D18.05 Structural Properties of Soils**

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#### **D18.06 Physico-Chemical Properties of Soils and Rocks**

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#### **D18.07 Identification and Classification of Soils**

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#### **D18.92 Papers**

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#### **D18.93 Nomenclature for Soil and Rock Mechanics**

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