

**INFRASTRUCTURES, ENERGY,
GEOTECHNICAL, FLOODING
AND SUSTAINABILITY
ISSUES RELATED TO
HOUSTON &
OTHER MAJOR CITIES**

**CIGMAT - 2016
21st Annual Conference**



Conference and Exhibition
Sponsored
by
**Center for Innovative Grouting
Materials and Technology
&
Department of Civil and
Environmental Engineering**

March 4, 2016

University Hilton
University of Houston
Houston, Texas 77204-3902

Conference Registration

The Conference is presented in a one day concentrated format to up date the contractors and consultants who play an important role in the development of major cities including Houston. Well known and influential speakers will provide valuable information to the conference attendees. Complete and return the registration form with the registration fee before February 26, 2016 for an advanced registration discount. Registration fee includes admission, lunch, coffee breaks, and free hotel parking. Registration and attendance will be limited to the first 250 applicants.

For Hotel Reservations call (832) 531-6300 or 866-327-1161 and ask for CIGMAT Conference Rate.

Top Reasons To Attend:

- (1) Be informed about the latest opportunities and developments in number of major cities.
- (2) Network with city and county planners, engineers, contractors, consultants, researchers, educators, scientists, students and exhibitors.
- (3) Presentations on infrastructure maintenance, energy, geotechnical, flooding, transportation, water, wastewater and sustainability issues and new technologies that could influence your operations.
- (4) View research posters from University of Houston and attend the reception.
- (5) Houston is easily accessible from anywhere in the U.S.

For more information on the conference or to reserve exhibition spaces call **Dr. Vipu** at (713) 743-4278.

REGISTRATION

Advanced Registration (by 2/26/2016) \$135.00
At-Door Registration \$150.00
Student Registration* \$ 75.00

Exhibitor^ \$300.00
(A reception is planned in the exhibit area)

^One person has free registration
*Current I.D. and School Registration;

Please make check payable to CIGMAT/UH
and mail it to:

Conference Registration
CIGMAT/Dept. C&EE
University of Houston
Houston, TX 77204-4003
(Attn: Dr. C. Vipulanandan (Vipu))

Name _____

Nick Name _____

Company _____

Address _____

City _____ State/Zip _____

Phone _____

Fax _____

Email _____

Contact Person _____

For more information

Phone: (713) 743-4278; Fax: (713) 743-4260
Email: cvipulanandan@uh.edu

About the Conference

A one day Conference and Exhibition is being organized by the Center for Innovative Grouting Materials and Technology (CIGMAT) and the Department of Civil and Environmental Engineering on "Infrastructures, Energy, Geotechnical, Flooding and Sustainability Issues in Houston & Other Major Cities" at the University of Houston on March 4, 2016. The presentations will include current projects and proposed projects and energy needs for years 2016-2017 in the Greater Houston area and other major cities. Special feature of this conference is the four panel discussions on critical issues facing the construction, maintenance and sustainability of various civil infrastructures in the urban environment. Also energy production and related issues will be discussed. After the technical sessions, a reception will be held starting at 2:30 p.m. with invited city, county and industry leaders in the exhibit area to facilitate networking. The conference fee also includes lunch, coffee breaks, reception and parking. Earn 5 PDH by attending the entire conference.

List of Distinguished Speakers

Session I: (8:00 a.m. to 9:50 a.m.)

Dale Rudick, "Review of City of Houston Projects, Plans and Technical Needs," Director, Public Works and Engineering Department, City of Houston, Houston, Texas, Keynote Speaker;

Bill Brudnick, "TxDOT Projects and Plans," Director Planning - TxDOT, Houston, Texas, Keynote Speaker;

Jason Pettrey, "Energy Needs – Current and Future", Department Head for Beaumont Refinery, ExxonMobile, Beaumont, Texas, Keynote Speaker.

Session II: (10:15 a.m. to 12:00 noon)

Panel 1: Flooding, Maintenance and Geotechnical Issues

Moderator: Rafael Ortega, Aurora Technical Services, Houston, Texas.

Panelist (also includes presentations)

Mike Talbott, "Projects and Plans for Harris County Flood Control District," Director, Harris County Flood Control District, Houston, Texas.

Carol Haddock, "Paving and Drainage Infrastructure Planning," Senior Assistant Director for Infrastructure Planning, City of Houston, Houston, Texas.

Faults Exists in Houston Area, Kenneth Tand, Kenneth Tand and Associates, Houston, Texas.

Panel 2: Multi-Modal Transportation Issues

Moderator: Stanley Yin, TxDOT, Houston, Texas.

Panelist (also includes presentations)

John Tyler, "HCTRA Projects and Plans," Deputy Director – Harris County Toll Road Authority, Houston, Texas.

Sanjay Ramabhadran, "Challenges and Issues for METRO," Board Member, Metropolitan Transit Authority, Houston, Texas

Steve, Loo, "Pavement Management Information System – Optimizing Data Collection," Managing Engineer for Street and Drainage Division, City of Houston, Houston, Texas.

Lunch Break, Exhibition & Research Posters

Posters on Research at University of Houston.

Companies participate in the Exhibition.

Session III: (1:00 p.m. to 2:30 p.m.)

Panel 3 : Water Issues

Moderator: Michael Lacy, Vice President, KIT Professional Inc., Houston.

Panelist (also includes presentations)

Sanjeev Kalaswad, "Challenges and Future Plans for Water Management in Texas," Director Contracts, Texas Water Development Board, Austin, Texas

Aldo Ranzani, "Challengers and Issues Related to Water Pipelines in the City of Austin," Public Works and Engineering Department City of Austin, Austin, Texas

Jeffrey Benjamin, "Surface Water Conversion", Project Director, Northeast Water Purification Plant City of Houston, Houston, Texas.

Panel 4: Non-Destructive Testing Methods and Issues.

Moderator: C. Vipulanandan, University of Houston, Houston, Texas.

Eleventh Mike O'Neill Lecture

Seismic Measurements and Geotechnical Engineering, Professor Kenneth H. Stoke, University of Texas, Austin, Texas.

Smart Cement System for Real-Time Monitoring of Field Well Installation and Verification of Cemented Well Piezoresistive Behavior, Professor C. Vipulanandan, University of Houston, Houston, Texas

RECEPTION: (2:30 - 3:00 p.m.)

Reception will be held in the Exhibit area (food and drinks). In addition to conference participants, number of city, county and industrial leaders will be invited to participate. This is a good opportunity to network and several of door prizes are waiting for you.

Professional Development Hours (PDH)

Earn up to 5 hours of PDH by attending the conference. Certificates will be issued after the conference.

