

ASCE Metropolitan Section Infrastructure Group
and
Polytechnic University Civil Engineering Department
Present
A Technical Seminar & Exhibition:
“Performance Based Earthquake Engineering & Seismic Retrofit of Structures”
March 22 thru 25, 2004

At Dibner Auditorium, 5 Metrotech Center, Brooklyn, NY 11201
(Subway Trains **A-C-F** to Jay Street; **M-N-R-W** to Lawrence Street; **2-3-4-5** to Borough Hall)

Every Day:	Registration starts 5:00 P.M.	Exhibition Hours 5:00-9:00 P.M.	Snacks 8:30-9:00 P.M.
Monday, March 22, 2004			
5:55 – 6:00	<i>Introduction – Dr Fletcher H. (Bud) Griffiths, P.E., Dean, School of Engg., Polytechnic Univ., Brooklyn, NY</i>		
6:00 – 6:45	<i>Geotechnical Earthquake Engineering Applications to Bridges –</i> Dr Mishac K. Yegian , P.E., Professor, Department of Civil Engineering, Northeastern University, Boston, MA		
6:45 – 7:15	<i>The Evolution of Site Factors for Seismic Design in the New York Metropolitan Area –</i> Dr Sissy Nikolaou , Senior Geotechnical Engineer, Mueser Rutledge Consulting Engineers, New York, NY		
7:15 – 7:45	<i>SEAoNY Code Review Seismic Committee - Findings and Recommendations –</i> Dr Mohammed Ettouney , P.E., Principal, Weidlinger Associates, New York, NY		
7:45 – 8:30	Panel Discussion		
Tuesday, March 23, 2004			
6:00 – 6:15	<i>The NEES Network and the NEES Laboratory at SUNY Buffalo –</i> Dr Michel Bruneau , P.Eng., Professor and Director, MCEER, SUNY, Buffalo, NY		
6:15 – 7:00	<i>Performance Based Design –</i> Dr Andrew Whittaker , S.E., Assoc. Professor, SUNY, Buffalo, NY		
7:00 – 7:30	<i>Seismic Isolation Systems –</i> Dr Michael Constantinou , Professor and Chairman, Department of Civil, Structural and Environmental Engineering, SUNY, Buffalo, NY		
7:30 – 8:00	<i>Energy Dissipating and Innovative Self-Centering Systems –</i> Dr Andre Filiatrault , P.Eng., Professor and Deputy Director, MCEER, SUNY, Buffalo, NY		
8:00 – 8:30	Panel Discussion		
Wednesday, March 24, 2004			
6:00 – 6:30	<i>Seismic Resistance of Unreinforced Masonry Buildings –</i> Dr Michel Bruneau , P.Eng., Director, MCEER, SUNY, Buffalo, NY		
6:30 – 7:00	<i>Seismic Retrofit of New York City Area Bridges –</i> Michael J. Abrahams , P.E., Senior V.P., Parsons Brinckerhoff, New York, NY		
7:00 – 7:30	<i>Seismic Evaluation of Movable Bridges Electromechanical Equipment –</i> Dr Charles Birnstiel , P.E., Principal Associate, Hardesty & Hanover, New York, NY		
7:30 – 8:00	<i>Performance Based Design of Deep Foundations for Large Multi-span Bridges –</i> Roupen Donikian , P.E., Senior Associate, T.Y. Lin International, San Francisco, CA		
8:00 – 8:30	Panel Discussion		
Thursday, March 25, 2004			
6:00 – 6:30	<i>Seismic Design for NYC Transit Facilities –</i> Madan Naik , P.E., Chief Civil/Structural Engineer, MTA NYC Transit CPM, New York, NY		
6:30 – 7:00	<i>Seismic Assessment of Port Authority Bridges –</i> Joseph M. Englot , P.E., Assistant Chief Engineer/Design, Port Authority of NY& NJ, Newark, NJ		
7:00 – 7:30	<i>Seismic Design of the New Carquinez Suspension Bridge –</i> Gregory Orsolini , P.E., S.E., Senior Project Manager, Parsons, San Francisco, CA		
7:30 – 8:00	<i>Discrete Element Analysis for Unreinforced Masonry Piers –</i> Dr Joe Wang , P.E., Senior Professional Associate, Parsons Brinckerhoff, New York, NY		
8:00 – 8:30	Panel Discussion		

Registration: **Before 3/8/04:** Earn 10 Professional Development Hours (PDHs) for P.E. License re-Registration
ASCE Met Section Members: \$130; \$100 group (5 or more); \$50 one-day /\$30 full-time students with ID (no proceedings);
Non-members: Member prices + **\$25.** Checks should be drawn to “ASCE Met Section” and mailed to: ASCE Met Section c/o J. Khinda, P.E., 98 Park Terrace East, # 3B, New York, NY 10034-1420 (See Registration Form next page).
Registration includes a copy of the proceedings and refreshments.

After 3/8/04: Prices at the gate -- Member prices + **\$45** by check or cash; Proceedings only \$35.

Sponsorship: Engineering companies are encouraged to become a sponsor. Each sponsor can reserve a 10'x10' booth in the Hall and/or have a full-page ad in the proceedings. For reservations, please contact the Chair, Infrastructure Group:
Jagtar S. Khinda, P.E., F.ASCE, 212-788-1781; e-mail: jkhinda@aol.com, jkhinda@dot.nyc.gov

Sponsors: Arora & Associates; ARUP; Earthquake Protection Systems; HAKS; Hardesty & Hanover; Hayward Baker; Larsa-USA; Longi Engineering; MCEER; Mueser Rutledge Consulting Engineers; Naik-Prasad, Inc.; Parsons; R J Watson; RSD Engineering, P.C.; Taylor Devices; T.Y.Lin International; Yu and Associates; Inc.; Zetlin & De Chiara, LLP.