

2009 Rochester Engineering Symposium

Sponsored by
Rochester's Technical and Engineering Societies
April 28, 2009

PDH hours will be acceptable in New York State. Schedule subject to change.

7:30 to 8:15	Registration and Continental Breakfast					
8:15 to 8:30	Welcoming Remarks					
Room	Civil Engineering Sponsored by ASCE	Civil Engineering Sponsored by ASCE	Mechanical Engineering Sponsored by ASME	Electrical Sponsored by IEEE	Mechanical, Plumbing, & Fire Protection Sponsored by ASHRAE and ASPE	Transportation Sponsored by NYSATE
8:30 to 9:30	Applications of Sorbent Technology in Vapor Monitoring Jack D. Fox, PhD 1 PDH	Gusset Plate Analysis and Design Dr. Abi Aghayere, PhD, P.E. 1 PDH	Engineering Considerations for LEED® Certification of Building Renovations Bill Bishop 1 PDH	Generator Protection Calvin Vo 1 PDH	Discussion on ASHRAE 52.2-2007 (addendum B and appendix J) Danja McMillan 1 PDH	
9:30 to 9:45	Break					
Room	Contaminated Sediment Capping - Principles and Practice Heather VanDewalker, P.E. 1 PDH (NY0478)	Segmental Construction of the 390 Concrete Box Bridge Sam Anthony, P.E. 1 PDH	Soil Core Drilling and Evaluation Martin Darby 1 PDH	Communications & Signal Processing Innovations using Nonlinear Dynamical Systems Theory Dr. Chance Glenn 1 PDH	High Efficiency Boiler Fundamentals and Design Considerations Peter Rimassa 1 PDH	Engineered Segmental Retaining Walls Dave McIntyne & Scott Stewart 1 PDH
10:45 to 11:00	Break					
Room	Vapor Intrusion Management for Residential Development at a Former Landfill Gary J. DiPippo, P.E. 1 PDH	Safety Assessments for Local Transportation Facilities Frank Dolan, P.E. 1 PDH	FEA for Civil Engineers Laila Abdel-Dayem 1 PDH	Airborne Natural Gas Emissions Lidar (ANGEL) Services Overview Mark Janosky and Steve Turner 1 PDH	Active Chilled Beams Vladimir Petrovic 1 PDH	
12:00 to 1:30	Keynote Speaker Frank Sciremammano, Jr, PhD, P.E. - Professor, Kate Gleason College of Engineering, RIT, Member, International St. Lawrence River Board of Control Lake Ontario Water Level Control: Technical and Policy Issues - 1 PDH and Buffet Lunch					
Room	Civil Engineering Sponsored by ASCE	Civil Engineering Sponsored by ASCE	Mechanical Engineering Sponsored by ASME	Residential & Light Commercial Construction Sponsored by AIChE	Mechanical, Plumbing, & Fire Protection Sponsored by ASHRAE and ASPE	
1:30 to 2:30	Applications for Subsurface Imaging with Ground Penetrating Radar John Ciampa 1 PDH (NY0466)	Fire Proofing of Structural Steel Jim Burton 1 PDH	FLIR Thermal Imaging Infrared Cameras Chris Illingworth 1 PDH	Changes to the 2010 NYS Building Code Richard Thompson 1 PDH	LEED and Fire Sprinklers Dominick G Kasmauskas 1 PDH (NY0481)	Tire Derived Aggregate (Part 1) Louis Zicari, Kenneth Fishman, PhD, A. Scott Webber, PhD No PDH without Part 2 (NY0510)
2:30 to 2:45	Break					
Room	Continuously Grouted Steel Core Piles Chris Kenney, P.E. 1 PDH	Walkway over the Hudson: Creating the World's Longest Pedestrian Bridge Mike Cooper, P.E. 1 PDH	B31-9 Building Piping Systems Frank Schaaf 1 PDH	Indoor Air Quality and Toxic Mold Rick Rote, CIH 1 PDH	Centrifugal Pump Fundamentals & Centrifugal Pump Application and Selection Jerry Connolly 1 PDH	Tire Derived Aggregate (Part 2) Louis Zicari, Kenneth Fishman, PhD, A. Scott Webber, PhD 1.5 PDH (Part 1 Req'd)
3:45 to 4:00	Break					
Room	Fiber vs. Traditional Reinforcement in Slabs David Orzel 1 PDH	Erection of US Route 219 Arches over Cattaraugus Creek Steve Percassi, P.E., Jeff Younger, P.E., John Wind 1 PDH	Building Code of NYS – Special Inspections Brian Barnes, P.E. 1 PDH (ATL0005)	Remediation of a Residential Failed Septic System G. Norman Schreib 1 PDH (NY0432)	Water Saving Plumbing Fixtures Randy Shafer 1 PDH	
5:00	Cocktails and Conversation in the Lounge (Continued)					