

Southern Tier Professional Development Symposium

Tuesday, October 8, 2019

Binghamton Holiday Inn Arena

REGISTRATION 8:00 - 8:30 A.M., Outside Johnson City Room (includes coffee, muffins and fruit)

Johnson City Room	Southern Tier Room	LaTasse Room
8:30 - 9:30 - New York State Bridges: History and Evolution of Engineering, David Kennicutt, P.E. (1.0 PDH)	8:30 - 9:30 - Certifications in the Industrial Coating Industry Frank Stento and Marc Braunstein (1.0 PDH)	8:30-9:30 -Humidification 101, Dave Bennett (1.0 PDH)
9:45 - 10:45 Sub-surface Investigation, by Brian Barnes, P.E., Atlantic Testing Lab (1.0 PDH)	9:45 - 10:45 New York State Energy Market, Joe Fleury, P.E. (1.0 PDH)	9:45 - 10:45 Review of VFD Harmonic Distortion (1.0 PDH)
10:45- 11:00 Break		
11:00 - 12:00 Precast Concrete 101 by Ron Thornton, P.E. and Ralph Verrastro, P.E. (1.0 PDH)	11:00 - 12:00 - Fuel Cells and the Future of Distributed Generation, Mike Recher, PE (1.0 PDH)	11:00 - 12:00 Metal Additive Manufacturing, Julius Bonini, P.E. (1.0 PDH)
12:00PM In Atrium - Lunch & Presentation (12:30 - 1:30) Ethics- Technology and the engineer--the roles of engineers and how they make ethical decision Lori Marra (1.0 PDH)		
1:30 - 2:30 Thermal Performance of Concrete Masonry Wall Systems, Nicholas Carparelli (1.0 PDH)	1:30 - 2:30 - Protective Relaying in Power Systems, Joe Fleury, P.E. (1.0 PDH)	1:30 - 2:30 - Lubricating Oils- How They Work, What's Next, Neville Sachs, P.E. (1.0 PDH)
2:30 - 2:45 Break		
2:45 - 4:15 -Engineering a Successful State/Federal Aid Transportation Project, David Kennicutt, P.E. (1.5 PDH)	2:45 to 4:15 - Artificial Intelligence (AI): Introduction, Applications and Hardware for Deep Learning, Wilfried Haensch, PhD (1.5 PDH)	2:45 to 3:45 A Holistic Look at Condensing Systems and Optimization Jacob Hall, Pro Air Plus (1.5 PDH)
All sessions are one hour (1 pdh), except as noted. It includes Lunch for a total of 6 to 7 PDH.		
Sponsored by:		
NYSSPE - Broome Chapter	ACEC - American Council of Engineering Companies	
ASHRAE Twin Tiers Chapter	ASCE - American Society of Civil Engineers Ithaca Section	
This document was last updated: 9/12/19		