

The North Jersey Section AIChE & The Professional Engineers Society North Jersey *Chapter of the NJ (NJSPE) and National (NSPE) Societies*

Jointly present:

The 2015 Fall Lecture Series:

An Afternoon of Education ***Featuring 4 Lectures and 4 PDH's!***

Tuesday – November 17, 2015

Registration & Networking – 1:00 PM to 1:30 PM

Safety Layers & Layers of Protection Analysis – 1:30 PM to 2:30 PM

LED Lighting & Energy Savings – 2:45 PM to 3:45 PM

Ethics for U.S. Engineers – 4:00 PM to 5:00 PM


Cocktails and Networking – 5:00 PM to 6:00 PM

Dinner - 6:00 PM to 7:00 PM

Plant Electrical for the Plant Engineer - 7:00 PM – 8:00 PM

Meetings will be held at:

L’Affaire Catering
1099 Route 22 East
Mountainside, NJ 07092
Phone 800-479-1423 or (908) 232-4454
(Directions are attached)



**PDHs will be
available to
attendees**

Visit us at our website at: www.iche.org/community/sites/local-sections/north-jersey

Session 1: 1:30 – 2:30 PM

Safety Layers and layers of Protection Analysis (Course No. 20150438) – Peter Sibilski, P.E., CEM

The release of toxic gas from a chemical plant in Bhopal, India 30 years ago changed the way chemical process safety is practiced throughout the world. As the situation unfolded, numerous layers of protection failed. This presentation will introduce the concept of “Layers of Protection Analysis” (LOPA) and use it to identify the safety layers that worked and those that did not.

Session 2: 2:45 – 3:45 PM

LED Lighting and Energy Savings (Course No. 20150398) – C.R. DesRochers

The prices of LED lights are falling like a rock. This course will provide details of LED lighting economic examples and sample calculations of energy savings. As engineers we have all heard of the value of using LED lamps. They are replacing incandescent lamps, CFLs, and metal halide lights. We look at the detail and grind through some sample saving calculations.

Session 3: 4:00 – 5:00 PM

Ethics for U.S. Engineers (SunCam Course No. 224) – Mike Ernst, P.E.

This course is adapted from an online course at Suncam.com. From the day we enter the profession we begin the unending process of perfecting the skills and knowledge we first learned in school. A P.E. acquires the onerous responsibility to “Protect the public health, safety and welfare.” Here is a nice discussion of what that means.

Session 4: 7:00 – 8:00 PM

Plant Electrical for the Plant Engineer (Course No. 2015397) – C.R. DesRochers

This presentation will provide specific examples and details of plant electrical systems. Typical voltages, transformers, service entrance, breaker panels, Arc Flash, Safety Lock out /tag out requirements will be discussed.

CORPORATE / UNIVERSITY SPONSORSHIP

Full corporate or university sponsorship allows the sponsoring company or university to send an unlimited number of employees, faculty members, and/or students to the sponsored session(s) of the Fall Lecture Series. To become a corporate or university sponsor, please contact:

Peter Sibilski, P.E.
732-254-1901 (Ext 140)
Psibilski@ALZOUSA.com

* In order to allow us to be properly prepared we request that anyone who is attending under a Corporate or University sponsorship send in a completed registration form. Simply note on the form the sponsor’s name.

The Fall Lecture Series is presented annually by: North Jersey Section, American Institute of Chemical Engineers.

REGISTRATION FEES:

Full Day (all 4 sessions):

Member Rate (with 4 PDH’s) - \$ 80.00*
Non-members (with 4 PDH’s) - \$105.00
Lectures only – (no PDH cert.) - \$ 60.00
Students (with current ID) - FREE
Evening only (arrival after 5:30)- \$ 35.00

(* AIChE, ASCE, NSPE are member rate)

Registration fee includes sit-down dinner

Please Mail Registrations and Checks To:

Peter Sibilski, P.E.
Pharmetic Manufacturing Co., LLC
650 Jernee Mill Road
Sayreville, NJ 08872
Tel: 732-254-1901 Ext 140
Fax: 732-254-4423
e-mail: Psibilski@ALZOUSA.com

Make Checks Payable To:
North Jersey Section AIChE

Payment in advance is preferred.

Payment at the door in check or cash is acceptable. Sorry, no credit cards.

Year 2015 Fall Lecture Series

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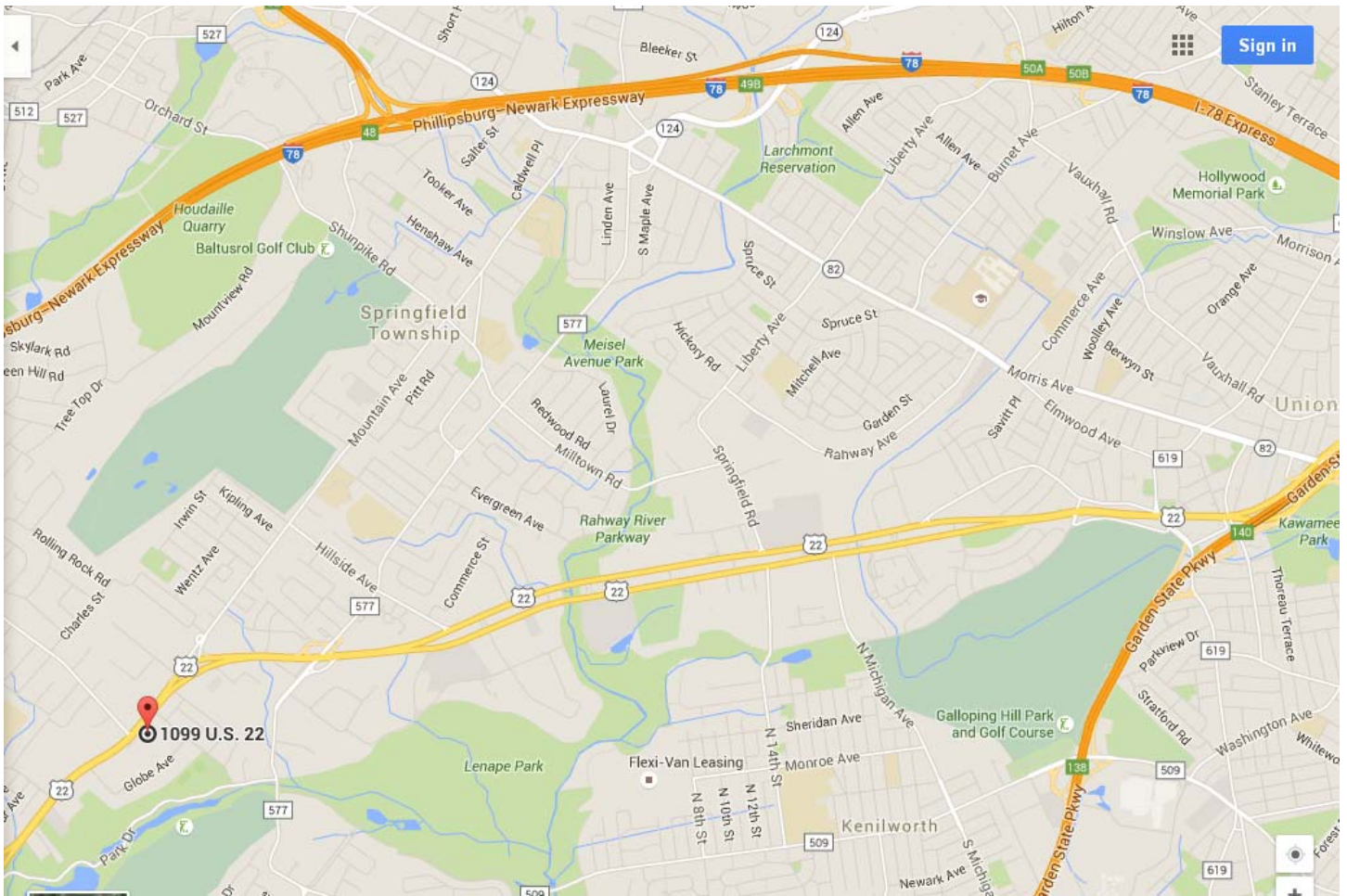
_____ *Member Rate* (with 4 PDH's) - \$ 80.00*

_____ *Non-members (with 4 PDH's) - \$105.00*

_____ *Lectures only (no PDH cert.) - \$ 60.00*

_____ *Evening only (after 5:30)- \$ 35.00*

_____ *Student attendee (please be sure to bring valid student ID)*



L’Affaire Catering

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Mountainside, NJ 07092

Phone 800-479-1423

or (908) 232-4454

*(Located approximately 4 miles west
of the Garden State Parkway)*