



**1.5 PDH**

## **Save the Date**

Chapter Meeting  
June 22, 2018



Location: Industrial Arts Brewing  
Company  
55 W Railroad Ave. #25  
Garnerville, NY 10923

4:30 – 5:00 PM Arrival and Networking

5:00 – 6:00 PM Tasting and Tour

6:00 – 7:00 PM Buffet Dinner and Main  
Presentation

1.5 PDH  
**RSVP Required**

\$25 Members, \$30 Non-Members  
Complimentary Admission for  
Engineering Students  
Walk-ins and General Public Welcomed

## **Chimney and Gas Vent Design 101**

The course is designed to teach participants about the fundamentals of chimney and gas vent design. We will discuss the definitions, venting strategies, and flue materials for Cat I, II, III, and IV appliances. We will also discuss the ASHRAE chimney design equation, efficiency, reliability, theoretical draft, mechanical draft, and draft control through barometric dampers and modulating controls. The presentation will wrap up with an important discussion on flue safety, good venting practices, and the common code violations and how to recognize and avoid them.

**John Kim** is an application engineer with Chimney Design Solutions Inc. since 2011. Specializing in the field of Chimney and Gas vent Design; Boiler Room Combustion Air Design; Laundry Room Exhaust System Design; Multi-story Bathroom, Kitchen Hood, and Clothes Dryer Exhaust Design. Currently he is on the technical panel for UL378, standard for draft equipment, and ASHRAE TC06.10, fuels and combustions.

## **Industrial Arts Brewing Company Tasting and Tour**

Industrial Arts is one of the Lower Hudson Valley's newest breweries. Opened in 2016 by the former head brewer of both Ithaca Beer Company and Peekskill Brewery, and a generally regarded master of his trade, Jeff O'Neil, Industrial Arts is becoming well known as one of the best in the area. The brewery occupies a 30,000 square foot pre-Civil War industrial complex, and is filled with state of the art brewing equipment. O'Neil's process focused brewing technique puts forward a range of beers from Metric (a pilsner), to Summer Landscape (a pale lager), to Torque Wrench (a double IPA) such that anyone can find something they'll love.

## **Catering by Avanti Pizzeria**

**Coming Months:** August 16-18 – ASHRAE Region 1 CRC – Jersey City, NJ

See [www.ashraebistate.org](http://www.ashraebistate.org) for more information or call Brendan Smith @ 646-243-3042  
RSVP to [Brendan.corey.smith@gmail.com](mailto:Brendan.corey.smith@gmail.com)