



The Durham Engineers Club Cordially Invites You  
to our Thursday, May 18, 2017 Meeting

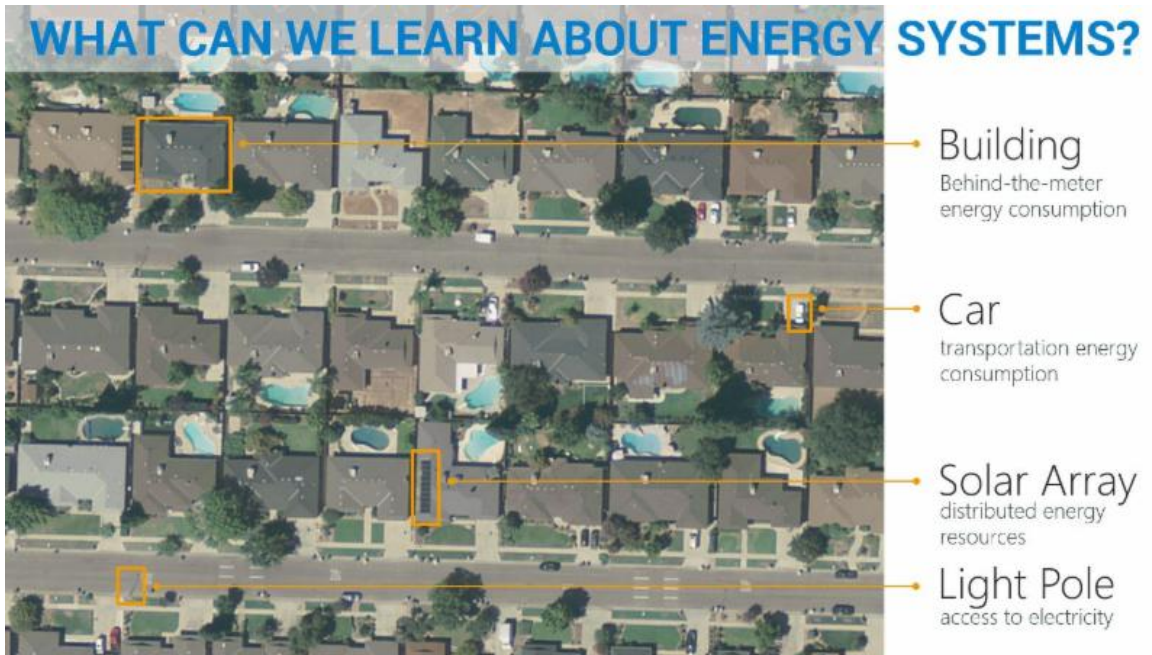
*Featuring our 2016 Scholarship Awards*

featuring guest speaker

**Kyle Bradbury, Ph.D.**  
**Duke University Energy Initiative**

with a presentation about

**Energy + Data:**  
**The short version of the long history of energy data**



[Register Now!](#)

You can now pre-pay with a credit card or PayPal account as you register!

**Meeting time is at 6:00 pm.**

**When**

Thursday, May 18, 2017 from  
6:00 PM to 9:00 PM EDT  
[Add to Calendar](#)

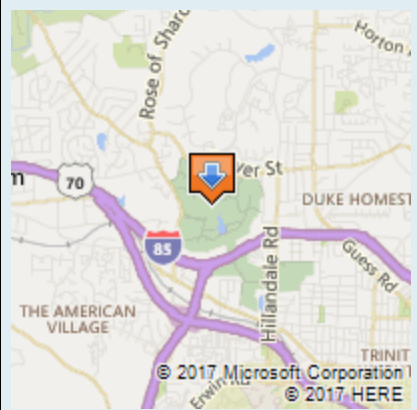
**Where**

**Croasdaile Country Club**  
3800 Farm Gate Ave  
Durham, NC 27705

Dear Fellow Professional :

**Please consider this special invitation to attend our regular monthly meeting and annual scholarship awards dinner on Thursday, May 18, 2017 from 6:00 to 9:00 PM..**

Energy is ubiquitous. It is vital to our society from heating our homes, transporting us around the world, and enabling advanced and nearly instantaneous global communications. Our need for resources to provide this energy has many impacts: social, economic, and not the least of which being on our global climate. We'll explore the state of energy consumption in the world, the challenges facing energy



[Driving Directions](#)

**THANK YOU to our  
2016-17 Scholarship  
Sponsors:**

**Kimley»Horn**



infrastructure, and the growth of sustainable energy resources. We'll also discuss two active areas of research at the intersection of modern machine learning: engineering methods and energy challenges including how to use smart electric utility meter data to gain actionable insights on building energy consumption as well as how satellite imagery data can help automate the assessment of distributed solar energy.

Dr. Bradbury brings experience in machine learning and statistical modeling to energy problems. He completed his Ph.D. at Duke University, with research focused on modeling the reliability and cost trade-offs of energy storage systems for integrating wind and solar power into the grid. Kyle holds a M.S. in Electrical Engineering from Duke University where he specialized in statistical signal processing and machine learning, and a B.S. in Electrical Engineering from Tufts University. He has worked for ISO New England, MIT Lincoln Laboratories, and Dominion Energy.

**Please click on the link below to register; the cost to attend is \$25 for members and \$35 for non-members. You can now pre-pay as you register with a credit card or PayPal account, mail a check, or pay at the door with cash or check. We cannot accept credit cards at the event.**

The price includes a buffet dinner at the Croasdaile Country Club. The buffet features a salad bar, and a variety of hot dishes; the food is excellent. Social hour is from 6:00 to 6:30 pm and there is a cash bar. Dinner is from 6:30 to about 7:00 and the seminar will begin about 7:00, the presentation will be about an hour followed by Q&A.



**HORVATH  
ASSOCIATES**

One (1.0) PDH will be provided; a terrific bargain! Please join us for this great presentation by clicking on the "Register Now" link below, if you cannot attend please let us know as well, and feel free to forward this invitation to as many others as you would like using the button below.

**[Register Now!](#)**

**[Forward to a Friend !](#)**

**[I can't make it](#)**



**MCADAMS**

If you do not wish to continue to receive event invitations from the Durham Engineers Club please unsubscribe using the link at the bottom. The Durham Engineers Club has one meeting per month.

We look forward to seeing you at the meeting!

**Sincerely,**

Jennifer Buzun, PE  
Durham Engineers Club  
jbuzun@nc.rr.com  
919-560-4326\*30292

**Happy New Year!**

**Dues are due - \$40/year**

**Upcoming Meetings:**

**June - Field Trip**

**July - Field Trip**