



The Durham Engineers Club Cordially Invites You
to our Thursday, September 16th, 2021, Meeting

featuring
Trooper Peter Morcombe, IEE, IEEE, LEOS

His presentation will be about ...
SMRs vs. North Carolina's Clean Energy Plan

Peter's Background

Peter served in the 3rd Royal Tank Regiment as the regimental ABC (Atomic, Bacteriological and Chemical warfare) expert and sergeant's mess barman. After leaving the Army Peter worked on communications including early fiber optic systems such as TAT-8, Mega-Watt lasers and high speed cameras. He also worked on electric power distribution and control including meters, capacitors, arrestors and transformers. Eventually he became too feeble for real work so he entered academia where he led the team that built the Duke FELs (Free Electron Lasers). His team built the HIγS (High Intensity Gamma Source) that has been the world's brightest gamma ray source since 1995. He served on the university Radiation Safety Committee for many years.

Peter graduated from Pembroke College, Cambridge (UK) with honors degrees in physics and electrical engineering. Until his retirement he was a member of IEE, IEEE and LEOS.

The NC Department of Environmental Quality published its CLEAN ENERGY PLAN. What our electricity system should look like in 2030.

June 2021 - The John Locke Foundation published ENERGY CROSSROADS, exploring North Carolina's two energy futures.

Which path is chosen will affect the price we pay for electricity and our ability to keep the lights on during natural disasters or attacks using EMP weapons.

Peter will build on earlier presentations.



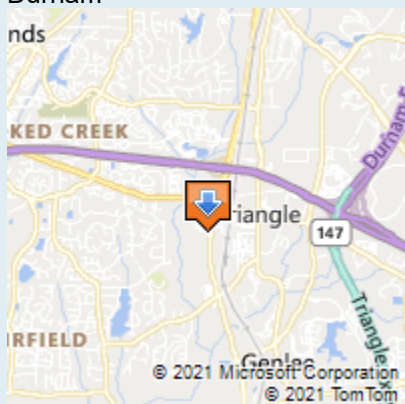


When

Thursday, September 16, 2021
from 5:30 PM to 8:30 PM EDT
[Add to Calendar](#)

Where

Golden Corral Buffet & Grill
5006 Apex Hwy, Hwy 55,
Durham



[Driving Directions](#)

Dear Fellow Professional :

Please consider this special invitation to attend our regular monthly meeting on Thursday, September 16th, 2021, from 5:30 to 8:30 PM.

Please click on the link below to register. The cost for your meal is \$16.11, or \$15.04 for seniors 60 and over, and the cost for a drink is \$2.78 . You may pay at the door with cash or credit card.

The price includes a buffet dinner at the Golden Corral Buffet & Grill on Hwy 55 in Durham. Social time is from 5:30 to 6:00 pm. Dinner is from 6:00 to about 7:00 pm and the seminar will begin about 7:00 pm.

Two (2.0) PDHs 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 !

**Upcoming Meetings &
Events:**

I can't make it

**Scholarship golf event -
October 21st
at Umstead Pines**

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.

**October 21st meeting -
Gary Thompson -
NC/VA borders**

We look forward to seeing you at the meeting!

**November 18th meeting
- Michael Slack -
Cybersecurity update**

Sincerely,

René Johnson
Durham Engineers Club
alisharene1989@gmail.com
919-530-6231