

Why should the DEIS care about the Smart Grid?

An afternoon workshop exploring the world of the Smart Grid from a DEIS perspective, in conjunction with the IEEE DEIS Technical Committee on the Smart Grid.

Workshop Outline:

The Smart Grid is many different things to many different people, and the value proposition for the dielectrics and electrical insulation community is very different to that perceived by other groups, such as network control engineers or protection specialists. At first glance, Dielectrics and Electrical Insulation may seem rather distant from the Smart Grid; in reality, the Smart Grid could offer a wealth of information about the performance of dielectrics out “in the wild”. If the dielectrics community is able to utilise this information to its full potential, the grid as a whole stands to benefit.

This workshop will explore some of the challenges faced by researchers and engineers across the DEIS, and consider how Smart Grid technologies might be able to help answer those questions. We will focus on two key topics:

- Improved Asset Design
- Future Asset Management Technologies

Time will also be allocated to explore other areas, depending upon the interests of the participants.

Who Should Attend?

The technical content of this workshop is designed to be accessible to all EIC attendees; it is likely to be of particular interest to those involved in condition monitoring, asset health and related diagnostic techniques. Young researchers are especially encouraged to attend and benefit from the opportunity to network with other participants. You do not have to consider yourself as a “Smart Grid” researcher to get involved!

Key Benefits:

Upon completion of this workshop, attendees will have a better understanding of:

- How the Smart Grid relates to the technical activities within DEIS
- Areas where Smart Grid technology could be particularly helpful in solving research challenges within insulation systems

The workshop is also an opportunity to help shape the future direction of the Technical Committee on the Smart Grid; anyone wanting to know more about the TC and its activities should contact Dr James Pilgrim (jp2@ecs.soton.ac.uk).

Duration and Price:

0.5 Day: 13:00 – 17:00
- \$40+GST

Register now:

On-line: www.
E-mail:

If you have any questions regarding Short Courses please contact: Inna.Kremza@voith.com