



Louise Krug



Biography: Louise Krug is a Senior Researcher with BT, a major UK and international telecommunications service provider. Her role is to link her own and academic research with real business and customer requirements. She is currently specializing in the use of container technology for virtual networks, capitalizing on her background as both a network specialist and as a computing scientist. She acts as an industry representative in the IEEE Green ICT steering committee. She has over 50 publications in topics such as the development of high power lasers for transatlantic communications systems, mobile and fixed network design and network energy consumption.

Session Title: High performance, high availability green networks – How far have we come, what remains problematical, and what solutions might be available?

Abstract: The energy consumption of telecommunications networks such as the Internet have been identified as both significant and potentially fast growing. Back in 2010, major projects, such as Green Touch, were underway to identify how we might achieve significant energy reduction in telecommunications networks. This talk looks back over the last six years at what has been achieved, and looks at what remains a problem today and proposes a way forward.