



Spring Meeting Agenda

Surge protection devices (SPDs) for protection against transient overvoltages Samad Khan, Global Product & Standardization Manager, ABB Furse

Synopsis: Surge protection devices (SPDs) which are used to protect against transient overvoltages (surges) caused by atmospheric origin (lightning) and electrical switching events. The presentation explains what surges are and how they affect modern electrical equipment (as supported by global industry standards) and discusses the key selection considerations of SPDs and how they should integrate within the installation for effective protection.

Samad Khan is a Chartered Engineer graduating from Loughborough University in 1996 with a Master's degree in Electrical and Electronic Engineering. Since then Samad has worked for ABB Furse, a company that specialises in lightning protection for over 120 years. Over this time, Samad has had various roles, from R&D where he was involved with the design and construction of high voltage lightning current generators as well as extensive product design for the protection of electronic systems to global field sales engineering, project management, marketing and specialist technical support. This comprehensive experience led to his present role of Product Manager since 2004 and promoted in 2015 to also cover ABB SPDs globally. In addition to this, Samad is the BSi principle UK expert for Surge Protective Devices (SPDs) since 2001, representing the national committee in European and international meetings for the development of lightning protection standards including the application of SPDs.

Updates on Wiring Regulations and other electrical matters Charles Tanswell et al

The next edition of The UK Wiring Regulations (18th) is now in draft form and is about to go out for public comment. Three SPACES members have been involved in various aspects of its preparation - Charles Tanswell who sits on the main committee, Craig Jennings & Andrew Rowe who both sit on Panels (where much of the leg work is done). Charles, ably supported by Craig and Andrew, will talk about the main changes proposed and will do on to give an update on other current matters within the electrical contracting industry.



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Counting House, London
<http://the-counting-house.com/find-us/>
Monday 3rd April 2017

PROGRAMME AND AGENDA

Meeting chairman for the day Andrew Rowe, Finance Director, SPACES,

- 10.15 am Tea/Coffee
- 10.45 am Meeting start, with brief overview of the day.
- 11.00 am Presentation on Surge Protection Devices, Samad Khan
- 11.40 am Updates on Wiring Regulations and other electrical matters, Charles Tanswell et al
- 12.15 pm Information from the Management Board
 - Study Day 2017
 - Awards
 - Head of Profession – Engineering
 - Regional Visits
- 12.30 pm Technical Matters
- 1.00 pm AOB
- 1.10 pm DONM and Future Topics
 - Friday 15th September 2017 – AGM and Technical Meeting
 - Tuesday 5th December 2017
- 1.15 pm Lunch and networking

This event includes for all refreshments and lunch for each delegate. This is included in the membership fee for full and corporate SPACES members; for individual, retired, and honorary SPACES members, and FPS Societies and ACA members there is a delegate fee of £15 (inc. VAT) covering lunch and for non-members of SPACES the delegate fee is £30 (inc. VAT). This can be paid online or by cash/cheque on the day (cheques made payable to SPACES Ltd).

If you would like to attend this event or send your apologies please go to the SPACES website and complete the [form](#). For any other issues, please email [Fiona Fanning](#), SPACES Manager, alternatively telephone 01344 206299 or on the day mobile 07730 267460.