IEC TC119 Printed Electronics Standards

Printed electronics are increasingly being used to produce low cost electrical and electronic devices. A new IEC Technical Committee, TC 119, has been created to facilitate the rollout and industrialisation of printed electronics.

The role of TC 119 is to facilitate the rollout and industrialisation of printed electronics. The committee aims to set down formally the standardised terminology of electronic printing methods applicable worldwide. The scope of the committee covers standardisation work on typifying the relevant materials, characterizing equipment, setting down test methods, reliability and repeatability. The technical committee has active representation from 10 countries: China, Germany, UK, Italy, Finland, Japan, South Korea, Russia, Sweden and the USA; with a further 8 countries taking part in observation roles. TC119 has already established 5 adhoc working groups to begin this process covering Terminology, Materials, Equipment, Printability & Products/Devices.

The UK is forming a team of technical experts within the field to actively share in the drafting and preparation of the standards. Participation within the working groups would include proposing relevant work packages, reviewing drafts, providing input and attending occasional UK working group and TC119 meetings. The commitment required will vary within the committee. Most committees meet only a few times each year, however some members will also represent the national view at European and international meetings.

If you are interested in contributing to this important exercise, the UK work is being coordinated through the British Standards Institution under the Electronic Assembly Technology & Printed Electronics Committee EPL/501.

To join the UK team and get involved please contact the EPL/501 Secretary Asghar Ashrafi on Asghar.ashrafi@bsigroup.com to discuss how this can be achieved.

Further information

BSI provides training in standardisation issues, processes and bodies for all Committee Members and there are teams of BSI staff supporting the work of all committees and dedicated meeting facilities at BSI's offices in Chiswick, London. BSI also provides extensive online systems to support committee working.
For more information
http://www.bsigroup.com/en/Standards-and-Publications/Committee-Members/

For more information about BSI work please visit
http://www.bsigroup.com/en/Standards-and-Publications/How-to-get-involved/Become-a-committee-member/ .

Should wish to know further about IEC work in general visit
http://www.iec.ch/

For more information on the Plastic Electronics Leadership Group visit
http://ukplasticelectronics.com/pelg