



## Newsletter January 2018

Dear Members,

First of all, the staff of the CEB-BEC wishes all its members a healthy and prosperous 2018.

**IEC Treasurer** - On October 13, 2017, the IEC Council elected Jo Cops from Belgium as IEC Treasurer for a three-year term of office (2018-2020). Click [here](#), to meet all IEC Officers including the IEC Treasurer.

### **IEC 61851-23:2014 and ISO 17409:2015**

We inform the customers having purchased IEC 61851-23:2014 of the following: Hereby IEC and ISO issue important information related to the use of the following standards: • IEC 61851-23:2014 “Electric vehicle conductive charging system – Part 23: DC electric vehicle charging station“ section CC.4.7 „DC EV charging station maximum output Y capacitance“ • ISO 17409:2015 “Electrically propelled road vehicles -- Connection to an external electric power supply -- Safety requirements”. Due to further technical developments in the field of electric vehicles charging, the requirements in the IEC 61851-23:2014 to fulfill the safety objective “Protection against electric shock” under single fault condition by limiting the capacitance energy, may not cover all possible combinations of charging stations and vehicles. Since the charging process links the charging infrastructure with the electric vehicle, the requirements laid down in ISO 17409:2015 are also relevant for the electrical safety of the charging process. The approach of limiting the capacitance energy will not be sufficient for the safety objective “protection against electric shock” under single fault condition in all relevant cases. Therefore, this warning is issued for both standards. It is as always strongly recommended that users of standards additionally perform a risk assessment. Specifically in this case, standards users shall select proper means to fulfill safety requirements in the system of charging station and electric vehicle. In the responsible ISO and IEC committees the technical experts are currently working on additional information and measures, which will be included in the concerned standards.

The **IEC Young Professionals - 2018 workshop** will be held in Busan, Republic of Korea, on 22 to 24 October, in parallel with the IEC 2018 General Meeting.

For more information about the IEC Young Professionals Programme, click [here](#).

Click [here](#), to download the 2018-workshop flyer.

**IEC White Papers and technology reports** - The IEC Market Strategy Board (MSB), which brings together CTOs of major international companies helps identify future technologies and trends of interest.

Every year, the Commission publishes one or more White Papers or Technology Reports that ensure that IEC work supports global challenges in electrotechnology. They assess potential worldwide needs and provide recommendations to all relevant stakeholders.

Click [here](#), to download the flyer where each IEC White Paper is presented with a short summary.

**IEC Academy** - Providing high quality training, offering webinars, eLearning, regional and national workshops to the global IEC community. Click [here](#) to see all the already provided Webinars and Training Workshops

**[e-tech - New and views from the IEC](#)**

**[IEC SMB Newsletter December 2017](#)**

CEN-CENELEC/WS SEP2 - Industry Best Practices and an Industry Code of Conduct for Licensing of Standard Essential Patents in the field of **5G and Internet of Things** - Kick-off meeting February 12, 2018 - Berlin (Germany)

This Workshop seeks to bring together IoT industry vendors, IoT and standards innovators, industry participants from vertical sectors, government representatives, SMEs and SME representatives, consumer advocacy groups, research agencies, competition law participants, SSO representatives and any other interested parties in IoT intellectual property or licensing, to discuss and agree on Industry Best Practices and an Industry Code of Conduct for Licensing of Standard Essential Patents in particular in the field of 5G and Internet of Things.

The consensus outcome of the Workshop will be published as a CEN-CENELEC Workshop Agreement (CWA).

Click [here](#), to download the project plan.

**CEN-CENELEC workprogramme 2018** - It details what will be the developments in each of the 14 business sectors in 2018, building on the achievements of 2017.

Each sector lists the technical bodies involved in carrying out the work, the number of standards published by CEN and CENELEC, the work items currently in the work programmes and the standardization requests received from the European Commission and EFTA.

Click [here](#), to download the CEN-CENELEC workprogramme 2018.

### **CEN-CENELEC Newsletter December 2017**

**ISO 13485 - Medical Devices Management Systems** - A 5-days Lead Auditor training - March 5 to 9, 2018 – Gent

The success of the quality management of an organization in the medical devices sector ultimately depends on the system designed to improve its operation continuously. In this context, the Lead Auditor, who verifies conformity with the requirements of the ISO 13485 standard, version 2016, plays a key role.

Qualified Lead Auditors are able to further develop the success of a Medical Devices Management System (MDMS). During this intensive training, the emphasis will therefore be on the role and expertise of the Lead Auditor.

For more information and registration, click [here](#).

### **Forthcoming CEB-BEC Meetings:**

**CEB-BEC 59** - Performance of household and similar electrical appliances - February 9, 2018

**CEB-BEC 61** - Safety of household and similar electrical appliances - February 9, 2018

**CEB-BEC 64** - Electrical installations and protection against electric shock - February 12, 2018

**CEB-BEC 45** - Nuclear instrumentation - February 14, 2018

**CEB-BEC 9** - Railway applications - February 16, 2018

**CEB-BEC 48** - Electrical connectors and mechanical structures for electrical and electronic equipment - February 20, 2018

**CEB-BEC 20** - Electric cables - February 22, 2018

**CEB-BEC 100** - Audio, video and multimedia systems and equipment - March 2, 2018

**CEB-BEC 108** - Safety of electronic equipment within the field of audio/video, information technology and communication technology - March 2, 2018

**CEB-BEC 14** - Power transformers - March 5, 2018

**CEB-BEC 31** - Equipment for explosive atmospheres - March 6, 2018

**CEB-BEC 82** - Solar photovoltaic energy systems - March 7, 2018

**CEB-BEC 47** - Semiconductor devices - March 9, 2018

**CEB-BEC 101** - Electrostatics - March 9, 2018

**CEB-BEC 116** - Safety of motor-operated electric tools - March 14, 2018

**CEB-BEC 62** - Electrical equipment in medical practice - March 19, 2018

**CEB-BEC 22** - Power electronic systems and equipment - March 21, 2018

**CEB-BEC 23A** - Cable management systems - March 21, 2018

**CEB-BEC 17** - High-voltage switchgear and controlgear - March 26, 2018

**CEB-BEC 44** - Safety of machinery - Electrotechnical aspects - March 26, 2018

**CEB-BEC 57** - Power systems management and associated information exchange - March 28, 2018

**CEB-BEC 7** - Overhead electrical conductors - March 30, 2018

**CEB-BEC 11** - Overhead lines - March 30, 2018

**[List of all publications since December 1, 2017](#)**

*Copyright © 2018 - Belgian Electrotechnical Committee - All rights reserved.*

*Bd. Auguste Reyerslaan 80*

*B - 1030 BRUSSELS*

*Tel. +32 2 706 85 70*

***Our mailing address is:***

*centraloffice@ceb-bec.be*

*Want to change how you receive these emails?*

*You can [update your preferences](#) or [unsubscribe from this list](#)*