

Newsletter April 2021

In the shoes of Daniel Daems, new president of the Belgian mirror TC 48B and TC 215

At the latest SMB-meeting, held on the 15th of February, Daniel Daems was endorsed as new president of the Belgian mirror TC's 48B and 215.

The scope of the TC 48B is to prepare standards for electrical connectors and connecting devices, for electrical connector test methods and for solderless connection technologies.

The scope of the TC215 is to prepare standards in the field of electrotechnical aspects of telecommunication equipment and associated infrastructures and liaise with other standardization bodies as appropriate. - To prepare harmonized standards (EN, TS or TR) covering all aspects of generic and application-specific telecommunications cabling (e.g. ISDN, LAN and others) within all types of premises.



Daniel's professional side...

Daniel received his master's degree in electro-mechanical engineering at the VUB (University of Brussels) in 1982. For more than 35 years he was and still is involved in optical fiber technology.

Today he is Engineering Fellow in optical fiber technology and global standards at CommScope. His specialties are: Product development of optical fiber and cable interconnection products (splice protectors, closures, optical distribution frames, fiber management systems). Scouting and integration of fiber optic technology (fiber, cable, connectors, components, and testing) in modules that fit in these optical interconnection products.

Daniel was chairman of IEC SC86B from 2009 till 2018. Today he is an active member in IEC SC86B, SC48B, SC48D, ITU-T SG15 and CENELEC TC86BXA.

The man behind the president in a few questions...

1. What's the best book you've read recently?

I really have problems to start reading a book and I even cannot remember the last one that I have read. But a book that I really enjoyed reading when I was young was "Waren de goden kosmonauten?" van Erich von Däniken. I often think about it when travelling around the world and visiting places that were mentioned in this book.

2. What animal would you consider your spirit animal?

I assume a cat. I remain silent, observe, prepare a plan and come in action when the moment is right. Besides that, I take (power) naps on the sofa.

3. What's your favorite food?

Lobster (In fact all kinds of seafood).

4. What's your favorite movie?

The Matrix.

5. Who inspires you?

The person who inspired me the most was my father. He taught me the skills of making electrical installations and supported my interest in electronics. Other people in my professional life like



Professor Jean Renneboog (VUB) and John Nolf (Director R&D Raychem) inspired me by the way they approached technical problems and their working methodology. Many of the skills I learned from them I still use today.

6. Do you have any hidden talents or hobbies?

I have not much time at this moment for hobbies. I love to travel and to work in the garden. When I was young, my hobby was to collect insects. Today I regret that I killed so many beautiful butterflies for that collection...

7. If you could change one thing about your life, what would it be?

When I was studying, I wanted to use my engineering skills in the medical world. I received a master's degree in biomedical and clinical engineering, but one article about measuring the oxygen level in blood by optical fiber pushed me into the telecom world.

8. What's your biggest fear?

Losing my physical and mental abilities by getting old or sick.

9. What's the best compliment you've ever received?

I get most satisfaction by the compliments from people (family, friends, customers) for the help or support that I gave. Professionally I am very proud that I received a key innovator award for creating optical cable connection products that I find back on many places all over the world when I am travelling.

10. When you were a kid, what did you want to be when you grew up?

My goal was to become an electronics engineer... and I succeeded!

The BEC has updated its Internal Rules & Procedures document



The CEB-BEC has recently changed its internal rules & processes as outlined in document

<https://www.ceb-bec.be/files/ROI-HHR-Approved-on-2021-03-11.pdf>

An updated of this document was required because some changes have been approved by both the SMB-BE and

the Council Board in the recent past. Chapter 5 has been updated accordingly to include the changes related to the management of European and international secretariats.

IEC copyright notice

The [IEC copyright policy](#) was approved by IEC Council in August 2020. Instead of default reliance on implied licensing under the IEC Directives, the IEC copyright policy represents a shift to greater assurance of explicit licensing of pre-existing copyright and explicit transfer of copyright created in the collaborative work of the IEC.



You can find all the details about this IEC administrative circular on our [Collaboration Platform](#).

Joint symposium on quantum transport technology - 28 April 2021



IEC, ITU and the Institute of Electrical and Electronics Engineers (IEEE) UK and Ireland Photonics Chapter are co-hosting online events about Quantum Information Technology to share the latest developments and to identify possible opportunities for collaboration in

standardization work.

The [Joint Symposium on Quantum Transport Technology](#) will take place on **28 April 2021 from 15:00 to 18:00 Geneva time**. Please [register](#) to participate. It follows the [Joint Symposium on Standards for Quantum Technologies](#), which was held on 23 March 2021. You can watch the recording [here](#).

Find out more about quantum transport technology and the work of IEC TC 86: Fibre optics [here](#).

Registration is mandatory: <https://bit.ly/3gc3xdr>.

Useful information and links – monthly update

Every month we try to give you some useful links through our newsletter. These are links to news, congresses, reports, etc... These links can also be found on our [Collaboration Platform](#). Feel free to send us useful links so that we can share them with other experts. You can send this information to François Rummens: francois.rummens@ceb-bec.be



- [Horizon Europe - the largest R&I program in the world - Officially Launched!](#)

Over the next 7 years the program will continue its support for excellent research through the European Research Council. It will also attract more young people to a scientific career through the Maria Skłodowska-Curie actions. Through its six clusters, it will stimulate the creation of breakthrough innovations in areas such as healthcare, climate, digital technology, energy and mobility, agriculture, security, industry and more. For the first time, there will be a strong focus on culture and creativity, envisaging the creation of a digital space in the cultural heritage area. Missions will focus on ambitious, term bound goals such as saving 3 million lives from cancer by 2030, achieving 100 climate neutral cities, good condition of oceans, seas and inner waters, of the soils and foods.

[Factsheet.pdf](#)

[First calls under Horizon Europe to be launched by the European Research Council](#)

- [*Announcement Metrology Congress September 2021*](#)

[Cim 2021](#)

[Program and Topics \(Industry 4.0 - Green Deal - Health\)](#)

See also Euramet [website](#)

- [*Waymo Safety Report on SELF-DRIVING VEHICLES*](#)

[The report](#) summarizes more than a decade Waymo's efforts to ensure the safe deployment of fully self-driving vehicles powered by the Waymo Driver. It shows the potential of autonomous technology to improve road safety and provide new mobility options for the world.

Comment : A survey by IEEE of more than 200 autonomous vehicle experts found the top three concerns that could hinder mass adoption were legal liability, consumer acceptance and legislation. Legal liability - who's responsible for an accident - is an issue that likely will take years to resolve. The risk is spread among insurers, manufacturers, technology suppliers, car owners and municipalities.

- [*The State of Climate Tech 2020*](#)

[This PWC report](#) analyzes the Climate tech landscape. Climate tech has experienced rapid growth in investment over the past seven years (2013-2019), rising more than 3750% in only seven years. This impressive growth has been driven by a confluence of factors, which include but are not limited to: growing consumer and corporate demand, an increasing number of founders entering the space, rising investment levels and investor attention, falling infrastructure and technology costs (increasing cost-competitiveness), and a stronger policy environment, including carbon pricing and other incentive mechanisms. Despite this impressive growth, however, the climate tech landscape across geographies and sectors displays different levels of maturity and, overall, is far from the scale society needs to make the overarching goal of a net zero emissions economy before 2050 a reality.

CEB's upcoming meetings

CEB-BEC 79 - Alarm systems - April 26, 2021

CEB-BEC 81/AHWG - Lightning protection - April 27, 2021

CEB-BEC 106 - Methods for the assessment of electric, magnetic and electromagnetic fields associated with human exposure - April 27, 2021

CEB-BEC 7 - Overhead electrical conductors - April 27, 2021

CEB-BEC 11 - Overhead lines - April 27, 2021

CEB-BEC 31 - Electrical apparatus for potentially explosive atmospheres - May 4, 2021
CEB-BEC 2 - Rotating machinery - May 4, 2021
CEB-BEC 64 - Electrical installations and protection against electric shock - May 6, 2021
CEB-BEC 205 - Home and building electronic systems (HBES) - May 10, 2021
CEB-BEC 57 - Power system control and associated communications - May 10, 2021
CEB-BEC 108 - Safety of electronic equipment within the field of audio/ video, information technology and communication technology - May 17, 2021
CEB-BEC 61 - Safety of household and similar electrical appliances - May 18, 2021
CEB-BEC 34 - Lamps and related equipment - May 19, 2021
CEB-BEC INCERT - Technical Committee - May 20, 2021
SMB-BE - Technical standardization management committee - May 25, 2021
CEB-BEC 68 - Magnetic alloys and steels - May 25, 2021
CEB-BEC 23B - Plugs, socket-outlets and switches - May 28, 2021
General Assembly CEB-BEC - May 31, 2021 - 16h-17h30, the link will be provided on CP for the on-line meeting
CEB-BEC 14 - Power transformers - June 1, 2021
CEB-BEC 59 - Performance of household electrical appliances - June 8, 2021
CEB-BEC 64 - Electrical installations and protection against electric shock - June 22, 2021
INCERT - Sectoral committee "Buildings" - June 28, 2021
INCERT - Trademark - June 28, 2021
CEB-BEC 48 - Electromechanical components and mechanical structures for electronic equipment - August 25, 2021
CEB-BEC 215 - Electrotechnical aspects of telecommunication equipment - August 25, 2021

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