

Dear members and friends of the [International Ergonomics Association \(IEA\) Ergonomics in Design for All Technical Committee](#),
Welcome to our third year and ninth newsletter!

Promoting Ergonomics in Design for All is a core activity of our EinDfA TC.
You can find information about objectives, domains of interest, members of the TC here:
<http://www.iea.cc/about/technical.php?id=56d641e4ddc48>

I wish you good work,
[Isabella T. Steffan](#)
IEA Ergonomics in Design for All - TC chairperson

CONGRESSES & CONFERENCES

THE 21st TRIENNIAL CONGRESS OF THE INTERNATIONAL ERGONOMICS ASSOCIATION JUNE 13th-18th 2021

The Congress theme, "HFE (Human Factors and Ergonomics) in a connected world/L'ergonomie 4.0", speaks to the role of emerging G5 technologies. Of course, while the technical program will feature theme-related sessions, the Congress will cover the full breath of traditional and emerging HFE topics and applications.



We hope you will plan to join us in Vancouver and we encourage you to sign up for our mailing list in our web site and we'll send you updates as information becomes available.

For additional information, please visit:

[International Ergonomics Association - Association of Canadian Ergonomists](#)

THE 7th INTERNATIONAL CONFERENCE FOR UNIVERSAL DESIGN IN BANGKOK MARCH 4th-6th 2019



Place: [King Mongkut's Institute of Technology Ladkrabang, International College](#)

Organisation: [International Association for Universal Design \(IAUD\)](#)

This conference has adopted Sustainable Development through Universal Design as its key theme.

Past Conferences have always been held in Japan, but this time it will be held in Bangkok, Thailand.

As the forerunner of the economic development in the ASEAN regions, Thailand is the focal point, and there are many international corporations active in the areas. The proximity to surrounding countries will enable many overseas participants to join, and active discussion and exchange of ideas during the conference will promote further development of UD concepts, thus more advanced accessible and usable society will be realized. We hope you will plan to join us in Vancouver and we encourage you to sign up for our mailing list in our web site and we'll send you updates as information becomes available.

TECHNICAL INFORMATION

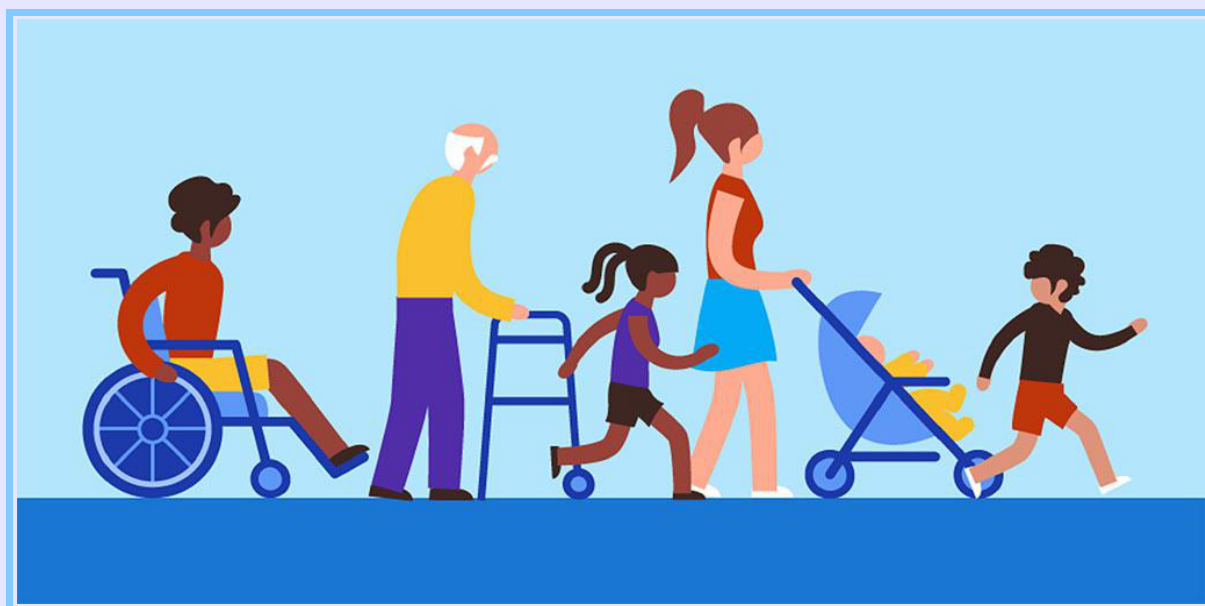
EUROPEAN STANDARDISATION WORK IN ACCESSIBILITY AND DESIGN FOR ALL/UNIVERSAL DESIGN

by **Isabella Tiziana Steffan** (Expert of the working group M / 420 Phase II)

The European Commission proposes, in the European Disability Strategy 2010-2020, to use legislative and standardization tools, such as specific mandates, to improve accessibility for people with disabilities.

Currently some important standardisation mandates to CEN, CENELEC and ETSI related to accessibility with a Design for All approach have developed new standards:

- **Mandate 376:** The Standard [EN 301 549](#) "Accessibility requirements suitable for public procurement of ICT products and services in Europe", the first on this sector, has been published in 2015
- **Mandate 473:** The standard [EN 17161](#) "Design for All - Accessibility following a Design for All approach in products, goods and services - Extending the range of users", to include Design for all (Universal Design) in relevant standardisation initiatives has been published in 2018
- **Mandate 420:** The draft of the standard [prEN 17210](#) "Accessibility and usability of the built environment – Functional requirements" has been finalised and under Enquire vote soon within CEN-CENELEC JTC 11.



This [prEN 17210](#), is based on [ISO 21542:2011](#) "Accessibility and Usability of the Built Environment", which is its main reference standard that, after eight years, is now under revision, also by some members who participated in the development of the PrEN, in order to harmonize these two standards as much as possible.

It is intended to assist primarily public procurers and also architects, engineers, facility managers, ergonomists and other stakeholders in their respective areas of work, enabling them to require, specify, design and assess conformity related to the accessibility of the built environment, using a common framework and a common language, thus ensuring accessibility for all.

This mandate 420 is structured in two Phases. Phase I (2008- 2011) has identified a plethora of regulations, standards and guidance currently available to assist in the design and delivery of an accessible built environment. In general terms the frameworks for conformity assessment in EU Member States have been found to be weak, with poor consideration for accessibility issues.

That is the reason why in Phase II (2016 -under development) the selected experts Monica Klenovec (Project Team Leader), Katerina Papamichail, Søren Ginnerup, Delfín Jiménez, Carol Thomas, Isabella Steffan are currently working on two technical reports. A first technical report (TR1) will support this EN and describe the technical performance criteria for meeting the above requirements, with a set of values for minimum acceptable performance or a range of technical values for minimum acceptable performance. A second technical report (TR2) will contain documents and formats for declaration and certification of conformity. The M420 mandate is expected to be completed by the end of the first half of 2019.

The standards are crucial tools to support the implementation of the Design for All approach in the built environment, both in Europe and around the world: at the conclusion of the work of CEN-CENELEC JTC 11, and with the revision of ISO 21542, new cutting-edge documents will be available for the approach to improved accessibility in the built environment. It will be up to the governments and local administrations, but also to the sensibility of the designers, to incorporate their requests.