

Dear members and friends of the [International Ergonomics Association \(IEA\) Ergonomics in Design for All Technical Committee](#),

Welcome to our second year and eighth newsletter!

Promoting Ergonomics in Design for All is a core activity of our EinDfA TC.

If you have any news on conferences, publications or standards, let me know **by the end of January** for the next newsletter.

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

20th INTERNATIONAL ERGONOMICS ASSOCIATION CONGRESS IN FLORENCE August 26th-30th 2018



The [20th international IEA congress](#) held in Florence, Italy, has been a great success.

There have been 1600 delegates (including 446 students) from more than 70 countries of all continents (52% - 828 Europe; 12% - 193 Italy; 12% - 183 America Latina; 11% - 167 North America; 20% - 315 Asia; 2% - 18 Africa; 4% (38) Oceania) who faced a rich program of 1,439 presentations organized in 59 symposia, 45 special sessions, 17 workshops and 175 parallel sessions that have covered 29 different themes of this scientific event.

The participants presented 1,012 papers that were published in 10 volumes by Springer (Africa 32; Asia 231; Europe 482; America Latina 152; North America 94; Oceania 21).

There have been more than 50 scientific contributions collected and selected by the representatives of the IEA Technical Committee on Design for All, mostly within the 5 dedicated sessions, that were chaired by: Erminia Attaianesi; Nana Itoh; Francesca Tosi; Ken Sagawa; Isabella T. Steffan; and within the Special Session on Standardisation chaired by Ken Sagawa and Isabella T. Steffan.

The quality of interventions was mostly very high. Comments to the speeches have been very specific and competent, even on very technical issues (such as standards, visual contrast, etc.). Feedback from speakers and public were good, discussions have been very articulated, especially in the special session on Standard, with 6 invited speakers. During our TC meeting there have been an interesting discussion on how improve our TC activities; searching a way to be more interactive; importance to be more Design for All-Users oriented rather than focus just on disability. Liason with other TC has to be achieved. Visual Ergonomics and Slip, Trip and Falls's TC chairs are very interested to collaborate.

In parallel some ISO meetings on accessibility have been held:

- [TC159/WG2](#) “Ergonomics for people with special requirements”;
- [TC159/SC4/WG10](#) “Accessible design for consumer products”;
- [TC159/SC4/WG10](#) “Accessible design for consumer products”;
- [TC159/SC5/WG5](#) “Physical environment for people with special requirements”

TECHNICAL INFORMATION

ISO/TC122/WG9

Accessible design for packaging

by Ken Sagawa

Packaging needs ergonomic knowledge to evaluate the human-system interaction which occurs at the very last stage of its supply chain. Problems include that, for example, older women have difficulties in opening jars tightly closed, or blind people are not able to get information for the contents of packaging. In order to seek for solutions to these accessibility problems, ISO/TC122 Packaging established a WG in 2008 and started to implement accessible design in the packaging field.

The scope of the TC122/WG9 Accessible design for packaging is to develop a set of standards that covers major technical fields of packaging as illustrated in the Figure 1.

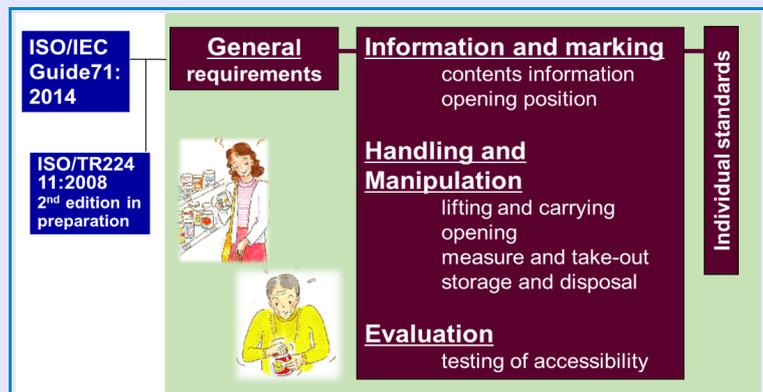


Figure 1 Structure of accessible design standards for packaging

After 10 years of its activities, TC122/WG9 has developed following 5 standards (one DIS as of Dec.2018) as the basic standards for accessible design to implement accessibility in the consumer packaging field.

- [ISO 11156:2011](#) Packaging - Accessible design - General requirement
- [ISO 17351:2013](#) Packaging - Braille for medicinal product
- [ISO 17480:2015](#) Packaging - Accessible design - Ease of opening
- [ISO 19809:2017](#) Packaging - Accessible design - Information and marking
- [DIS 22015:2018](#) Packaging - Accessible design - Handling and manipulation

At its latest meeting in November 2018 in Gouda (NL), almost all the first stage work of 10 years was completed and the 2nd phase of work is being planned. Details will be given in the later issues of this newsletter.

CALL FOR PAPERS

Starting collaboration with other TCs, Marino Menozzi, chair of Visual Ergonomics TC, suggests to submit a paper for the International Journal of Industrial Ergonomics” (link: <https://www.journals.elsevier.com/international-journal-of-industrial-ergonomics> - then click to “special issue visual ergonomics”).

There will be a peer review and then some will be selected for their special issue on Visual Ergonomics. [Deadline is December 1st but should be postponed.](#)

At National level, we are also collecting papers for an issue of “La Rivista di Ergonomia” (Italian Journal of Ergonomics) that is in Italian and English, on Visual Ergonomics and Design for All.

Send your abstract to info@studiosteffan.it by December 20th.