

U.S. Technical Advisory Group to ISO TC 159/SC4

Ergonomics of Human-System Interaction

Scope Ergonomics standardization of the interaction between systems (often computer based) and the people who design, manufacture, use and maintain them. Areas of standardization include hardware ergonomics (including input, display and interactive devices, software ergonomics (including dialogue and interaction design) and human centered design processes and methods (including usability engineering and participative design methods).

Chair: Jonathan Earchy, Lloyd’s Register EMEA (UK)

Secretary: Deidre Fourie, BSI (UK)

Participating Countries: 21

Observer Countries: 18

Working Groups (WGs)

WG 2 – Visual Display Requirements

Convenor: Hiroyasu Ujike, Japan

WG 3 – Control, Workplace and Environmental Requirements

Convenor: Ahmet Çakir, Germany

WG 5 – Software Ergonomics and Human Computer Dialogue

Convenor: Thomas Geis, Germany

WG 6 – Human Centred Design Processes for Interactive Systems

Convenor: Johnathan Earchy, United Kingdom

WG 8 – Ergonomics Design of Control Centres

Convenor: John Wood, United Kingdom

WG 9 – Haptic and Tactile Interactions

Convenor: David Fourney, Canada

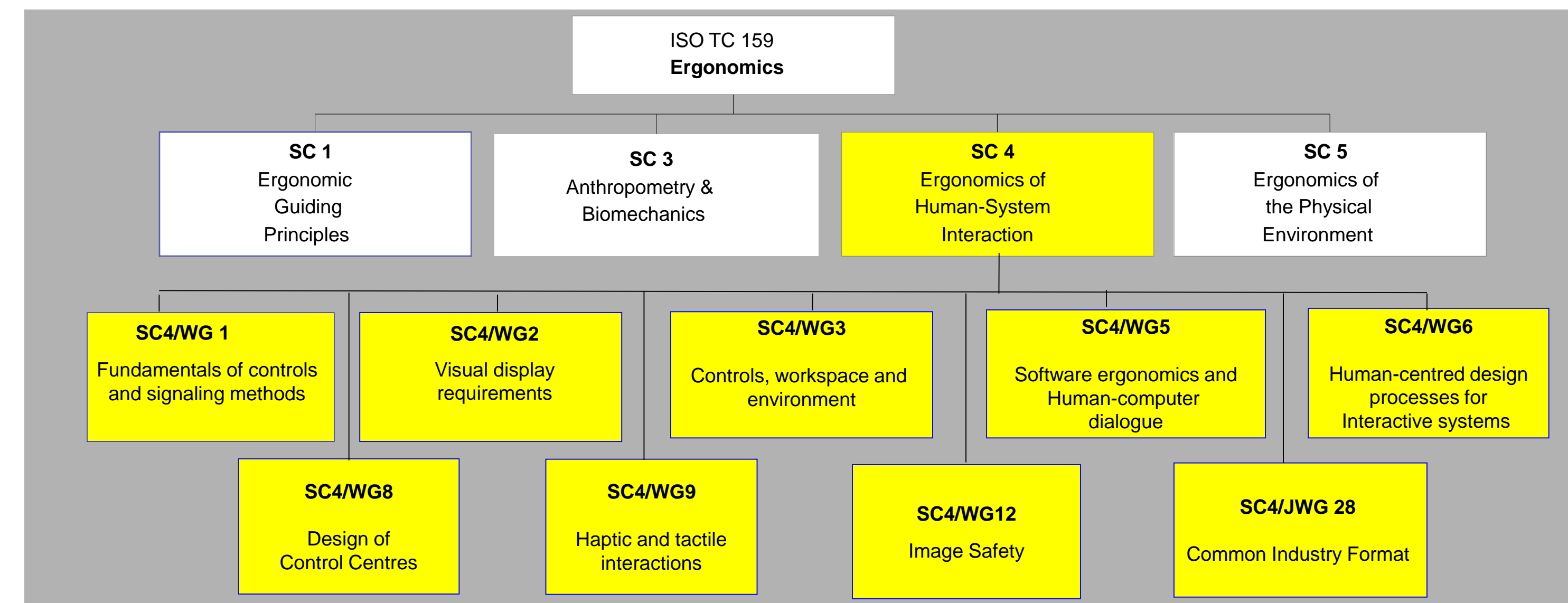
WG 12 – Image Safety

Convenor: Dr Hiroyasu Ujike, Japan

JWG 28 (TC1 SC7 & TC159/SC4) – Common Industry Format (CIF)

Convenors: Thomas Geis, Germany; Mary Theofanos, USA

Organizational Structure



ISO TC 159 SC4 Standards Snapshot

ISO TC 159 SC4 is responsible for the development and maintenance of 85 standards. A complete list can be seen here: <https://www.iso.org/committee/53372.html>

ISO TC 159 SC4 is currently developing 10 standards. A complete list can be seen here:

<https://www.iso.org/committee/53372/x/catalogue/p/0/u/1/w/0/d/0>

Participating (voting) member countries and observer member countries can be seen here:

<https://www.iso.org/committee/53372.html?view=participation>

NOTE: These web sites are periodically updated; there may be some lag time between events and updates.

The US TAG to SC4 has completed **14** votes to date in 2022

<https://www.iso.org/committee/53372.html>

Documents currently scheduled for vote:

ISO 9241-333 Ergonomics of human-system interaction —Part 333: Stereoscopic displays using glasses (**Type: Systematic Review**)

ISO/CD 9241-920:2022(E) ISO/TC 159/SC 4 N 2567 Ergonomics of human-system interaction — Part 920: Tactile and haptic interactions (**Type: Committee Draft**)

ISO/TS 9241-411 Ergonomics of human-system interaction — Part 411: Evaluation methods for the design of physical input devices (**Type: Systematic Review**)

How to get involved:

Find out more about the ANSI/HFES TAG to ISO TC 159/SC4 by contacting:

Dr. Ram Maikala, National Safety Council,
ram.maikala@gmail.com