

MULTIPLIER EVENT: “Design of human-centred workplaces” The Project Train4HCwork



The characteristics of the spaces and workstations affect the development of the work in a very relevant way, from the point of view of the safety and health of the workers and also in relation to the effectiveness, efficiency and productivity in the tasks.

Human-centered work environments consider their characteristics and needs in the design and implementation to ensure the proper performance of tasks.

Under this approach, following the methodology of human-centered design and applying it to the development of work environments, within the framework of the “Train4HCwork” project an online course has been developed that includes the disciplines and key aspects to consider for the development of human-centered industrial environments.

ADDRESSED TO:

- Professionals related to the design and implementation of work environments.
- Responsible for planning, processes, job design, production department personnel or industry organization.
- Designers of machinery or work equipment.
- Personnel responsible for health and safety, human resources personnel.
- Students from nearby areas of knowledge.

OBJETIVES:

- Present IBV as a reference center in ergonomics and human factors.
- Introduce the human-centered design approach and how to translate it into the design and implementation of industrial / work environments.
- Present the new Train4HCwork course.

DATE: 20th May 2021 at 11 hours (CET).

DURATION: 1 hour.

MODALITY: Online 100%. The participants will connect through a videoconference system. The access codes will be provided once the registration is formalized.

CONTENTS:

1. Presentation of the IBV and the Occupational Health Unit and introduction to human-centered design.
2. Application of human-centered design to spaces and workstations
3. Importance and necessity of the adaptation to the people of the work environments. The point of view of the ergonomists.
4. Detailed explanation of the course developed within the framework of the Train4HCwork project.

SPEAKERS:

- **Mercedes Sanchis.** Head of Innovation - Occupational Health and Safety at Instituto de Biomecánica.
- **Raquel Marzo.** Researcher at Instituto de Biomecánica. People's Needs and Preferences Area.
- **Alberto Ferreras.** Researcher at Instituto de Biomecánica. People's Needs and Preferences Area.
- **Pedro Ferreira.** Treasurer at FEES.
- **José Francisco Serrano.** Technician at Instituto de Biomecánica. Human Factors Area.

TECHINICAL REQUIREMENTS: The participant must have a computer with an internet connection and a microphone. If possible, a webcam is recommended. The connection will be made via videoconference system. Access codes will be provided once registration has been formalized.