



WearRAcon

EUROPE

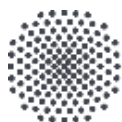
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October 5 – 6, 2021 • Fraunhofer IPA & University Stuttgart

Organized by:



University of Stuttgart
Institute of Industrial Manufacturing
and Management IFF



EXOWORKATHLON

EXOWORKATHLON - Performing physical work with exoskeletons in a live study

powered by Fraunhofer IPA, University Stuttgart and Wearacon Europe, in collaboration with WEARRA, Arizona State University, WEROB and Messe Duesseldorf A+A.

What is it?

- A set of work parcours for industrial upper and lower exoskeletons to show & discuss functions related to user feedback, ergonomics, metabolics and production quality.
- Intra-individual comparison of user feedback, ergonomics, metabolics and production quality in specific tasks with versus without exoskeletons.
- The specific exoskeletons used in the study are blinded in the output.
- Live study and daily statistics, watch and appreciate hard working people...

When is it?

- Wearacon Europe Conference 2021, Stuttgart, October 5-6 and
- A+A show and conference 2021, Duesseldorf Messe, 2021, October 26-29

Where does it take place?

- Stuttgart, Germany inside the Wearacon Europe Conference 2021

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Why is it interesting?

Industrial exoskeletons are fascinating new devices. They are developed and used in order to facilitate some work functions and to prevent from musculo-skeletal illnesses.

They may even improve the work output quality in some cases.

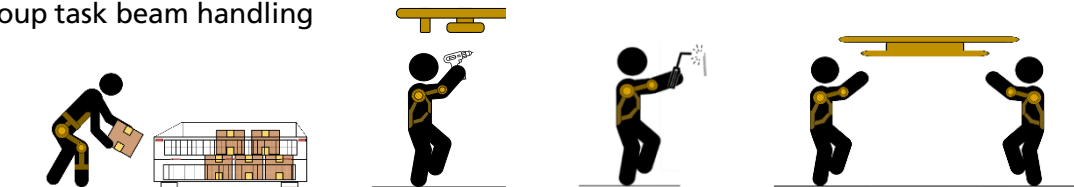
We want to show that.

Join us in this adventure by taking part - or just by watching.

Details:

For this first issue of EXOWORKATHLON four parcours are developed based on a selection of publications, own studies and industry experiences of Fraunhofer IPA and Uni Stuttgart IFF, together with students of University Stuttgart:

- Parcours 1: Logistics – Box handling
- Parcours 2: Assembly - Above head assembly
- Parcours 3: Welding - in constraint body positions
- Parcours 4: Construction - Group task beam handling



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