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Deliverable

D7.3 COADAPT Workshop

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Dissemination Level		
PU	Public, fully open	X
CO	Confidential, restricted under conditions set out in Model Grant Agreement	☐
CL	Classified	☐

Notices

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This document is intended to fulfil the contractual obligations of the CO-ADAPT project, which has received funding from the European Union's Horizon 2020 Programme, concerning deliverable D7.3 described in contract 826266.

Table of Revisions

Version	Date	Description and reason	Author	Affected sections
v0.1	2021-12-07	Draft document	Konstantina Kostopoulou (iSPRINT)	
v0.2	2021-12-21	Final document	Konstantina Kostopoulou (iSPRINT)	

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List of Abbreviations

COADAPT – Adaptive Environments and Conversational Agent Based approaches for Healthy Ageing and Work Ability

EU - European Union

ICT - Information Communication Technologies

AAS – Adaptive Assembly Systems

Q&A – Questions and Answers

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1 Introduction

This deliverable D7.3 describes the COADAPT Project workshop with the title "***Adaptive and Conversational approaches for Healthy Ageing and Work Ability***" that was held on the 25th of November 2021 online and featured interactive presentations and discussions involving the project consortium, other projects co-funded through the same EU Horizon 2020 call (SmartWork, Bionic, Ageing@Work, Sustage, Steffar), entrepreneurs, researchers, students and academics.

This workshop aimed to discuss advances in developing AI solutions to support workability and wellbeing of ageing workers.

Figure 1 - Event Banner

2 Summary of the Workshop

The consortium was considering to organize the workshop physically in one of the partners' locations but due to the pandemic that started to kick in again in September it was decided to be done remotely using online opportunities. The workshop was free to attend and we created an Eventbrite ticket page to collect RSVP. Registration reached 102 participants as shown in Figure 2.

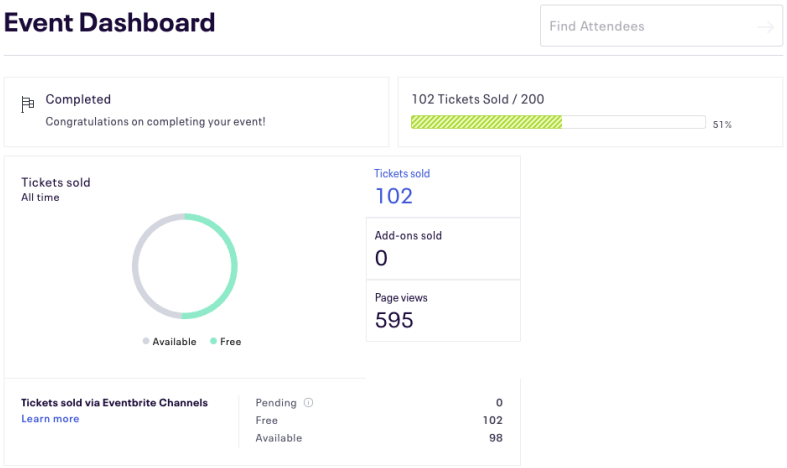

Figure 2 - Eventbrite Registration Statistics

For dissemination we used our Social Media accounts on Linkedin, Facebook and Twitter to create posts as well as partners' personal email lists.

To broadcast the Workshop we used the Zoom platform. The workshop was held on the 25th of November between 10:00am and 13:00pm CET and was split into four Tracks.

75 participants from across Europe, and even Australia took part in the workshop (see Figure 3). In the three sessions of the workshop, there were a series of excellent presentations and some good interactions between presentations at the end in the closing remarks.

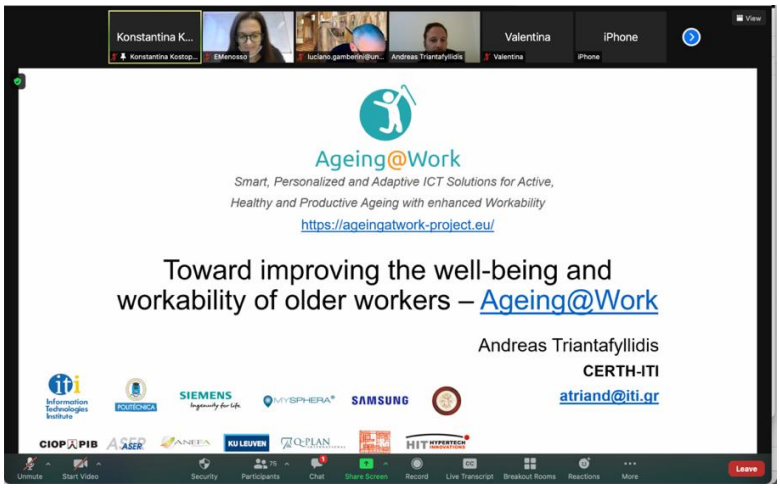

Figure 3 - Ageing@Work Presentation (75 attendees)

2.1 Dissemination Actions

In order to disseminate the Workshop, we created several general posts for all our Social Media channels, but also per Track and generated posts on our social media channels always using '#' and tagging the projects and the people that would be presenting like shown in Figure 4. In Figure 5 - Growth of Linkedin Followerswe see the organic growth of followers in Linkedin during the dissemination period of the workshop.

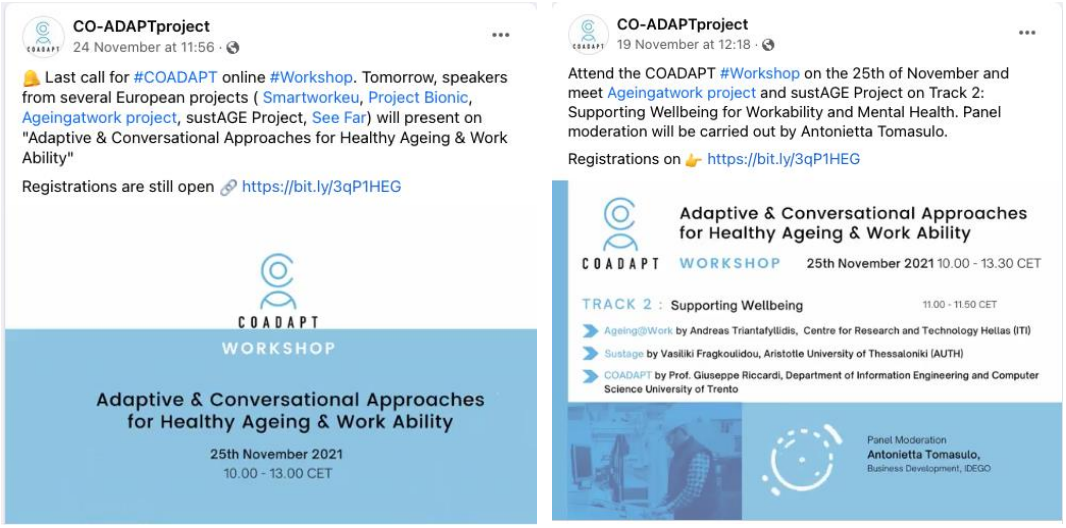

Figure 4 - Social media posts

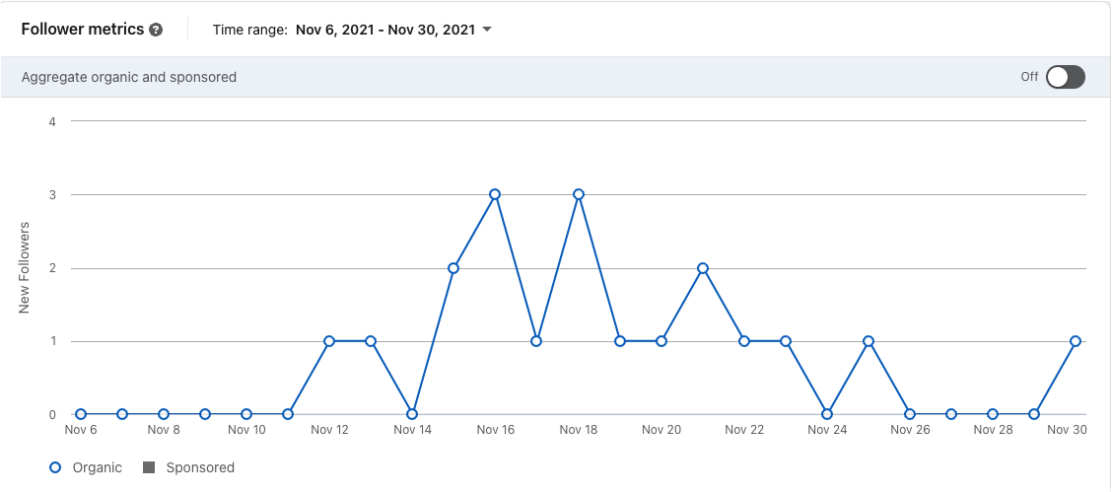

Figure 5 - Growth of Linkedin Followers

We also created a blog post on our website where we provided the agenda and the links to register and enter the Workshop.

https://coadapt-project.eu/coadapt-workshop-adaptive-conversational-approaches-healthy-age/

2.2 Agenda

Event Host-Moderator by Konstantina Kostopoulou, Innovation Sprint

10:05 - 10:10 Welcome notes by Coadapt Project coordnator **Giulio Jacucci**, University of Helsinki

Track 1 - Work environment and ergonomics

10:10 - 10:20 How SmartWork is supporting active ageing in the context of the work environment - SmartWork Project by **Charalampos Vassiliou**, Digital Transformation Advisor - BYTE S.A. Project Coordinator

10:20 - 10:30 Fatigue Detection in the context of work environments - Bionic Project by **Luca Marotta**, PhD candidate, Roessingh Research and Development and University of Twente

10:30 - 10:40 Collaborative Robotics & Adaptive Assembly Systems (AAS) - COADAPT Project by **Prof. Luciano Gamberini,** Human Inspired Technology Research Centre, University of Padova

10:40 - 11:00 Panel with Q&A on **"The Work adaptation in terms of Personal wellbeing monitoring on the work floor and beyond"** Moderator: **Erika Menosso**, Organization and Infrastructure development, Electrolux Italia

Track 2 - Supporting Wellbeing

11:00 - 11:10 Toward improving the well-being and workability of older workers - Ageing@Work by **Andreas Triantafyllidis**, Centre for Research and Technology Hellas

11:10 - 11:20 Holistic wellbeing-oriented companion system for the aging workforce - Sustage Project - by **Adria Mallol Ragolta,** University of Augsburg

11:20 - 11:30 Conversational AI for Health - COADAPT Project by **Prof. Giuseppe Riccardi**, Department of Information Engineering and Computer Science University of Trento

11:30 - 11:45 Panel with Q&A on **"Mental Health and Wellbeing in the workplace: how technology can help?"** Moderator: **Antonietta Tomasulo**, Business Development, IDEGO

11:45 - 12:00 15 min - Coffee break

Track 3 - Supporting Smart Work

12:00 - 12:10 - How Artificial Intelligence and state of the art technology support the ageing workforce and people with vision impairments - SEEFAR Project by **Ageliki Kogioni**, Lamda88

12:10 - 12:20 - Smart Shift Scheduling to improve workability - COADAPT Project by **Prof. Mikko Härmä,** Finnish Institute of Occupational Health

12:20 - 12:30 - Supporting digital work with entity recommendation - COADAPT Project by **Vuong Tung**,

12:30 - 12:45 - **"How intelligent assistants and smart tool improve workability"** Panel with Q&A on Moderator: **Marie Al-Ghossein**, Department of Computer Science, University of Helsinki

Track 4 - Panel on future research collaboration

12.45 - 13.00 - "**Panel on future collaboration, ICT for active ageing *across work and personal life"* Moderator**: Giulio Jacucci, Department of Computer Science, University of Helsinki

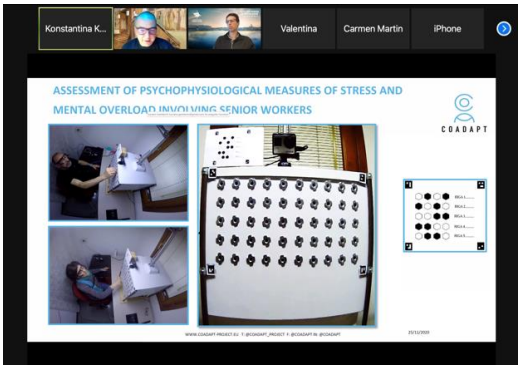

Figure 6 - Presentation examples

2.3 Results

The workshop was split into 3+1 tracks. In the first three Tracks two or three guest speakers presented in 10min their research project or use case, followed by a presentation of a COADAPT use case. All tracks finished with a panel discussion with an external moderator and all the presenters. The last track, Track 4 was in a different format with an open discussion with the group of projects funded under SC1-DTH-03-2018: Adaptive smart working and living environments supporting active and healthy ageing, how to develop a research agenda for the future.

Track 1 - Work environment and ergonomics

Track 1 showcased advances in stress and fatigue detection in the context of a work environment and innovative technology to support ageing workers with adaptive assembly stations with cobots and sensors but also Augmented Reality. The Project presenters from SmartWork, Bionic and COADAPT together with the audience, took part in the discussions that took place in the panel on "The Work adaptation in terms of Personal wellbeing monitoring on the work floor and beyond" that was moderated by **Erika Menosso** from the Organization and Infrastructure development at Electrolux Italia.

Track 2 - Supporting Wellbeing

Track 2 showcased advances in stress and fatigue detection in terms of older workers wellbeing and workability as a companion system with sensor detection or using a conversational AI. The Project presenters from Ageing@Work, Sustage Project and COADAPT together with the audience, took part in the discussions that took place in the panel on "Mental Health and Wellbeing in the workplace: how technology can help?" moderated by **Antonietta Tomasulo**, as a Business development partner for IDEGO.

Track 3 - Supporting Smart Work

Track 3 showcased how smart tools and the use of Artificial Intelligence can support the ageing workforce and people with certain disabilities in terms of facilitating workability. The Project presenters from SEEFAR Project and COADAPT Project together with the audience, took part in the discussions that took place in the panel on "How intelligent assistants and smart tool improve workability" moderated by **Marie Al-Ghossein** from the Department of Computer Science at the University of Helsinki

Track 4

In Track 4 there was a panel discussion on possible future collaborations how ICT can support active ageing across work and personal life moderated by Giulio Jacucci. In the discussion between the stakeholders, we exchanged experiences and discussed challenges.

3 Conclusions

In conclusion, we can say that all COADAPT consortium partners are very happy with the outcome of this workshop as it raised awareness of the project's outcomes.

It was a great opportunity to inform a diverse audience for the advancements on the different use cases of the COADAPT project and to exchange experiences between organizations working on similar topics and identify collaboration opportunities for future research and development.