

E³UDRES²

Engaged and Entrepreneurial European University as
Driver for European Smart and Sustainable Regions

4.12 Co-presentations in scientific conferences

Work Package 4

September 2023

Authors: WP4 members and Researchers



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Overview

Deliverable nr.	Deliverable name	Person responsible	Corresponding HEI
D 4.12	Co-presentations in scientific conferences	WP4 members and researchers	IPS

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Brief summary

This document provides an overview of the scientific conferences where WP4 researchers presented the work conducted during the whole period of the funding (October 2021-September 2023).

1. Introduction

The researchers actively contributing to the work package 4 (WP4) have been divided in three i-R&D networks, namely, Circular Economy (CE), Human Contribution to Artificial Intelligence (HCtAI) and Well Being and Ageing (WBA).

Since October 2021, three pilot projects have been running, one per network.

These projects are:

- **Change cornEr**¹ (CE network)
- **MULTISENS²E** Multi-Sensor Monitoring for Smart and Sustainable Farming in Europe (HCtAI network)
- **VirtualGym**³ (WBA network)

The results from these projects have been presented in international scientific conferences, which are listed in the following sections, divided by network.

Besides these projects, results from other threads of collaborative research that emerged from the networks have also been presented at scientific events.

In the next 3 sections a list of poster and/or oral presentations, divided by network, are provided.

2. Scientific Conferences by the CE network

2.1. Poster presentations

- Radványi, D., Nolz, P., Carriço, N., Galatanu, S., Leščevica, M., Serralha, F. N., Anderluh, A., Zahram, N., Coninck, S., (2022, June 10-11). *Change is Just Around the Corner* [Poster presentation]. 1st International Conference on Challenges in Engineering, Medical, Economics & Education: Research & Solutions, Budapest, Hungary. <http://www.foodconf.hu/>
- Leščevica, M., Radványi, D., Anderluh, A., Nolz, P., Coninck, S., Galatanu, S., Xavis, A., Zahra, M. (2023, June 9). *Circular Economy in action: where changes in thinking and attitude start* [Poster presentation]. BiosysFoodEng 2023, Budapest, Hungary. <http://biosysfoodeng.hu>
- Paz, M. C., Serralha, F. N., Carriço, N. (2023, June 21-22). *A bibliometric analysis of the plastic waste* [Poster presentation]. 1st International Conference on Challenges in Engineering, Medical, Economics & Education: Research & Solutions (CEMEERS-23), Lisbon, Portugal. <http://fenp.org/conference/310>
- Madroane D.F., Galatanu S.V., Marsavina Liviu, Linul E. (16 to 18 June 2022) A Mini-Review on Mechanical Behavior of Recycled FDM Printed Parts Madroane 9th International Conference on Advanced Materials and Structures - AMS 2022 <https://www.ams.upt.ro>

¹ For more information, visit <https://eudres.eu/changecorner>

² For more information, visit <https://eudres.eu/multisense>

³ For more information, visit: <https://eudres.eu/virtualgym>

2.2. Oral presentations

- Carriço, N., Serralha, F.N. (2022, January 22). *Community Composting in Portugal*. IV Scientific-Pedagogical Conference on Innovation and sustainability, Setúbal, Portugal.
- Coninck, S., Leščevica, M., (2022, April 8). “*Change is Just Around The Corner*”: *Engaging Stakeholders for a Circular Future*. International Scientific Conference “Society. Technology. Solutions”, Valmiera, Latvia
<https://conferences.va.lv/index.php/STS/STS2022>
- Anderluh, A., Carriço, N., Coninck, S., Galatanu, S.V., Leščevica, M., Mesbahi, Z., Nolz, P., Paz, M.C., Radványi, D.; Serralha, F.N. (2023, June 29-30). *The Domestic Waste Management Perspectives of Six European Countries: Difficulties in implementing waste separation in Setúbal*. E³UDRES² International Conference on Citizen Science, Barreiro, Portugal. <https://eudres.eu/citizen-science-conference-2023>
- DeConinck, S. and Anderluh, A. (2022), “Creating a transformative space for engaging society in a circular economy”, presented at the Higher Education Summit 2022, Hasselt, 6 September. <https://www.higher-education-summit.com/>
- Anderluh, A. and Nolz, P. (2022), “Cargo Bikes for Sustainable Last Mile City Logistics”, 20th STS Conference Graz 2022
- Galațanu S.V., Serralha F.N., Mărghitaș M., Vălean E., Șoșdean C., Popa C.F., Linul E., Marșavina L., (2023) Mechanical Behaviour of Recycled FDM Printed Parts from PETG in the Circular Economy, International Conference on Structural Integrity and Reliability of Advanced Materials obtained through Additive Manufacturing SIRAMM23, 8th - 11th March 2023, Timisoara, Romania
https://www.siramm.unipr.it/Conference_SIRAMM23.htm

3. Scientific Conferences by the HCtAI network

3.1. Oral presentations

- Java, O., Aspiron, B., Priebe, T., Sárközi, E. (2022, September 20-23). *Application of Digital Technology in Agriculture: Potential Support for Wine-Growers*. 8th International Conference on Trends in Agricultural Engineering, Prague, Czech Republic.
<https://2022.tae-conference.cz/>
- Madeira, R.N., Santos, P.A., Java, O., Priebe, T., Graça, E., Sárközi, E., Aspiron, B., Gómez, R.P., (2022, October 26-28). *Towards Digital Twins for Multi-Sensor Land and Plant Monitoring*. 13th International Conference on Emerging Ubiquitous Systems and Pervasive Networks (EUSPN 2022), Leuven, Belgium. <http://cs-conferences.acadiou.ca/euspn-22>
- Madeira, R.N., Santos, P.A., Aspiron, B., Java, O., Sárközi, E., Gómez, R.P., Graça, E., Cernăzanu-Glăvan, C., Priebe, T. (2023, June 29-30). *TWINSOR: Co-Creating a Digital Agriculture Monitoring Ecosystem*. E³UDRES² International Conference on Citizen Science, Barreiro, Portugal. <https://eudres.eu/citizen-science-conference-2023>

4. Scientific Conferences by the WBA network

4.1. Poster presentations

- Zulkarnain, A., Totorean, A., Gere, A., Cruz, E., Horsak, B., Lancere, L., Schoeffer, L., Simonlehner, M., Crişan-Vida, M.M., Fernandes, R., Sterckx, Y. (2022, June 10-11). *Development of a social inclusive immersive virtual reality exergame to promote physical activity* [Poster presentation]. Fourth International Conference on Food Science and Technology, Budapeste, Hungary. <http://www.foodconf.hu/>

4.2. Oral presentations

- Lancere, L., Totorean, A., Horsak, B., Simonlehner, M., Crisan-Vida, M., Moco, D., Fernandes, R., Gere, A., Sterckx, Y., Zulkarnain, A., Stoia, D., Gal-Nadasan, N. *Effects of VR Exergame on Socialization, Energy Expenditure and Vital Parameters in a Sedentary Population*, Virtual Reality and Healthcare Europe Symposium, Oct.19-20, 2023, Helsinki, Finland. Participation confirmed. <https://healthurope23.ivrha.org/>
- Totorean, A., Lancere, L., Horsak, B., Simonlehner, M., Crisan-Vida, M., Moco, D., Fernandes, R., Gere, A., Sterckx, Y., Zulkarnain, A., Stoia, D., Gal-Nadasan, N.(2023, June 29-30). *VR-Gym: a virtual alternative to encourage physical activity*. VR-Gym: a virtual alternative to encourage physical activity. E³UDRES² International Conference on Citizen Science, Barreiro, Portugal. <https://eudres.eu/citizen-science-conference-2023>
- Totorean, A., Lancere, L., Horsak, B., Simonlehner, M., Stoia, D.I., Crisan-Vida, M., Moco, D., Fernandes, R., Gere, A., Sterckx, Y., Zulkarnain, A., Gal-Nadasan, N., Stoia, A., *Heart Rate and Surface Electromyography Analysis to Assess Physical Activity Using a Virtual-Reality Exergame*, Acoustics & Vibrations of Mechanical Structures, Timisoara, 26-27 May 2023, <http://www.mec.upt.ro/meca/avms/>
- Totorean, A., Lancere, L., Horsak, B., Simonlehner, M., Stoia, D.I., Crisan-Vida, M., Moco, D., Fernandes, R., Gere, A., Sterckx, Y., Zulkarnain, A., Gal-Nadasan, N., Stoia, A., *Cross-European Sensor-based Multiplayer VR Gym Validation Study*. 7th Annual Virtual Reality and Healthcare Global Symposium, March 3-5, 2023, Philadelphia, USA

5. Conclusions

During the first period of funding of the alliance (October 2021-September 2023) the researchers more actively collaborating in WP had a total of 18 co-presentations in scientific events (5 poster presentations and 13 oral presentations). This number exceeds the 12 co-presentations planned initially and is a good indicator of the vitality of the networks so far, especially given that the researchers did know each other beforehand and a three year period is short for starting entirely new collaborations and lines of research.