Platform to

Champions

Support Cancer

A Collective Intelligent

We are pleased to announce the publication of the fifth issue of the LifeChamps newsletter. LifeChamps is a 3-year Research and and QoL to older cancer patients, their

Welcome to the fifth issue of

the LifeChamps Newsletter!

Innovation Action (RIA), running from caregivers, and clinicians, using emerging 2019 to 2022, funded under Horizon developments in the fields of Big Data, 2020. Its focus is on delivering a Data Analytics, and Artificial Intelligence. smart, personalised, and secure Furthermore, LifeChamps' objective is platform that will monitor health to disrupt Big Data modelling, analysis,

outcomes and address cancers' comorbidities of older cancer survivors by preventing long-term side effects and improving Quality of Life (QoL). The LifeChamps project aims to support and deliver the highest care Vision statement:

and discrimination against older adults will be eliminated from the clinical practice. **Contents**

and aggregation under a novel contextaware data-intensive and large-scale analytics framework towards delivering person-centred care solutions for three different types of cancer (breast cancer, prostate cancer, and melanoma), most prevalent in the older age. We believe in a society where ageist stereotypes



www.lifechamps.eu

champs

Dynamic Sweden (MD) is participating in several tasks that were conducted during the project for the purpose of and is currently leading the standardization activities. To informing the designing of a healthcare app, retrospectively. MD coordinate these activities, MD collaborated with all partners is working with the pilot partners, APC, and AUTH on this effort. to create a list of relevant standards and standardization The results will be communicated to the Standards committee, bodies from the technology and healthcare sectors. and a communication channel has already been established.

Massive Dynamic Sweden leading

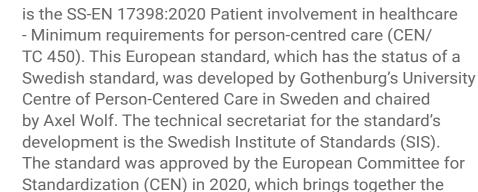
MASSIVE DYNAMIC

SWEDEN

One standard that was identified for further consideration

In the context of the LifeChamps project, Massive

LifeChamps Standardisation Activities



to LifeChamps H2020 Project

'Small Scale Pilots for Training Data

National Standardization Bodies of 34 European countries.

Jniversity of Glasgow Collection' task. Our team at UoG has contributed significantly to the project's design and has provided consultation on the requirements and specifications of the The University of Glasgow (UoG) plays PUC analysis. Additionally, we have led on a critical role in the LifeChamps project, co-production efforts, the identification serving as a Pilot Use Case (PUC) provider of Patient Reported Outcome Measures for PUC4 and as the task leader for the (PROMs) and Patient Reported Experience

SINTEC Summer School 2022

UoG's Contribution

aim of this three-day event was to showcase the novelties that the SINTEC project will bring to the wearable sensor sector. During the event, speakers presented how classic PCB technology can be transformed into a stretchable smart On Day 1, the focus was on the progress made in PCB and

Printing Technology to Smart Bioelectronics and Wearables. On Day 2, interesting sessions were held regarding Smart Bioelectronics and Wearables for Sport Monitoring. On Day 3, the LifeChamps H2020 project had a strong presence in the "Smart Bioelectronics and Wearables for Monitoring Health

Parameters" thematic session. Dr. Antonis Billis presented the

The SINTEC School "Smart Bioelectronic and Wearable Systems"

from June 7th-10th, 2022 in Bergamo, Italy. The summer school was attended by Dr. Antonis Billis, the Scientific Coordinator of the LifeChamps Project, and Juan Carlos Naranjo, the Senior Technical Project Manager at MYSPHERA partner. The main

was co-organized by the LifeChamps Project and took place

MoM 4 — Report on The 1st Open To The Public Engagement Event: LifeChamps Was There

Meeting of Minds 4 23-24/02/2022 i<u>midis@med.auth.gr</u> . Antonis Billis (Scientific Coordinator) npillis@med.auth.ar The Cancer Survivorship – AI for Wellbeing Cluster, which is a liaison initiative

of research & innovation projects

LIFECHAMPS, ONCORELIEF, MENHIR,

PERSIST, QUALITOP, CLARIFY, ASCAPE,

technologies better support patients?". Over 100 stakeholders and interested

parties participated, including cancer patients, patient associations, healthcare providers, advocates and IT specialists,

At the research and innovation level,

researchers, and policymakers.

REBECCA, CAPABLE, and FAITH, organized

geriatric oncology in collaboration with UofG and AUTH. To learn more about MD's partners, visit MD's website at www. massivedynamic.se. You can also see the partner's team here.

As part of the LifeChamps project's standardization

Furthermore, MD is currently investigating how to use the

standard as a tool to evaluate the patient involvement activities

In addition to the patient involvement in healthcare standards,

outcome measures (PROMS) specifically for the context of

MD is exploring the potential standardization of patient-reported

contributions, AUTH collaborated with the Greek standardization body ELOT to translate the standard into the Greek language. Translating standards into national languages may promote quicker adoption.

Measures (PREMs) and have published

Moving forward, we will continue to

academic research related to the project.

support all work packages with our clinical

collaboration with clinical experts from the

Beatson West of Scotland Cancer Centre.

and research expertise in cancer care, in

LifeChamps Events – The Highlights

SINTE

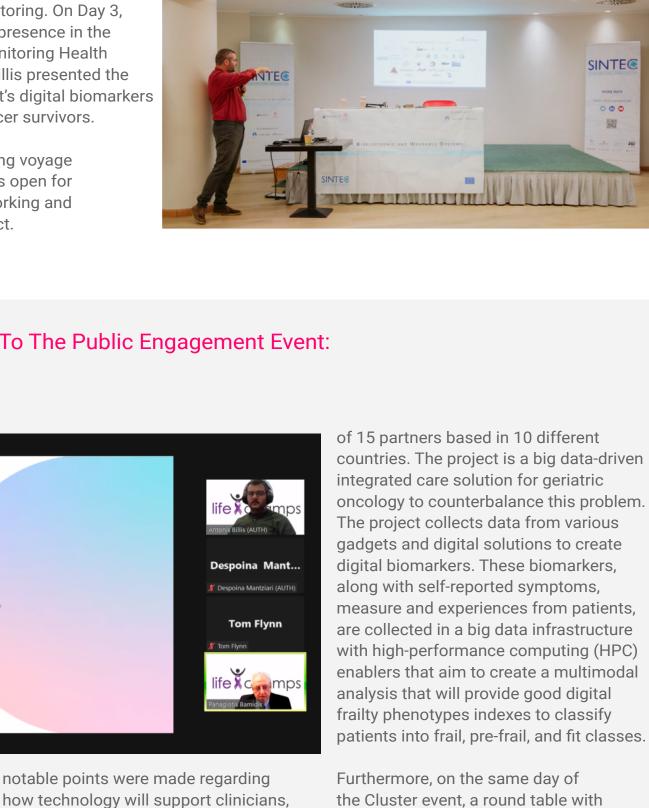
SINTE

patch and how this sensor can communicate with the latest IoT technologies. They also explained why this innovative research can be useful for healthcare and sport monitoring.

LifeChamps sensing platform and the project's digital biomarkers for monitoring the quality of life of older cancer survivors.

The SINTEC Summer School was a fascinating voyage into the many possibilities that smart devices open for healthcare science. It was also a great networking and liaison opportunity for the LifeChamps project.

ANCER URVIVORSHIP -ELL-BEING **LifeChamps** Integrated cancer care for the older cancer champions based on Big-Data and QoL behaviourome: the LifeChamps project



behavioral, and social factors may its 4th Meeting of Minds virtually on February 23rd and 24th, 2022. This was the first open-to-the-public engagement event of the cluster, centered around the single key question "How can new Patient engagement in clinical trials

how personalized medicine's tailor-made

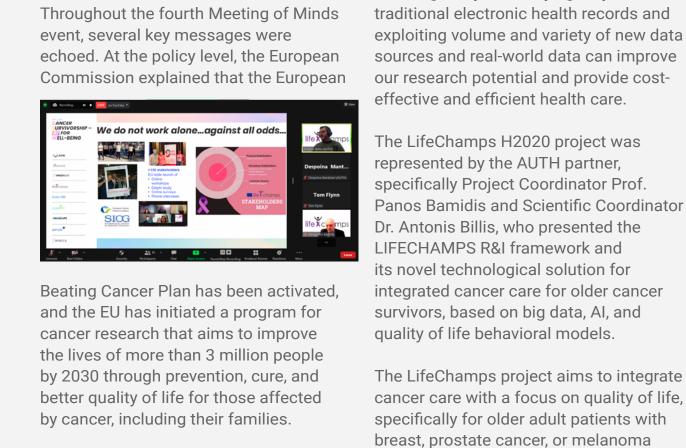
prevention and treatment strategies are

patients' well-being, how psychological,

influence the disease process, and how

breaking away from relying only on

key to fighting cancer and improving



updates to the mobile app for patients and the clinicians' dashboard to representatives from academia and industry. The second half of the event was held in Greek and involved the active participation of Greek patient associations, older cancer patients, and their caregivers. During a joint session. AUTH, APC, and UoG introduced the LifeChamps' Real-life Pilots in Clinical and Home Environment. Additionally, Ms. Kathi Apostolidis, President of the ECPC and president of the

Hellenic Cancer Federation - ELLOK, gave a keynote speech

on the importance of patient engagement in clinical trials. She

also moderated a Round Table discussion on the same topic,

with the active participation of clinicians from Gennimatas &

parts. The first session, which was held in English, was more technical and focused on the project's technological solutions. Partners AUTH, SALUMEDIA, and UPV presented the latest

The 1st Communication Event of The LifeChamps Project Was Successfully Held In Thessaloniki The 1st LifeChamps H2020 Project Communication Event with stakeholders was hosted by EXALENS and supported by AUTH, UPV, SALU, ECPC, SSL, and GLASGOW, and took place on June 14th, 2022, in Thessaloniki, Greece. The aim of the event was to inform both the local stakeholder community, including experts and cancer patients, about the latest developments in the project. The event was split into two

after treatment. The consortium consists

Association), an associate partner of LifeChamps in Greece, also participated. On Day 2, ECPC President Kathi Apostolidis gave a keynote speech on the role of patients in R&I, particularly on their motivation to participate in patient-centered clinical and other research initiatives. Finally, in the

closing of the event, Dr. Antonis

Billis from AUTH moderated an open

of the Cluster, also reflecting some

of the milestones set by the Cluster

members for the upcoming period.

The full report of the Cluster MoM

4 Event is available here.

session, presenting the aims & scopes

cancer patients & patient association

LifeChamps project partners. Dr. Panos

highlight -according to their experience

the importance of patient engagement

Thessalonikis (Women with Breast Cancer

in research & clinical trials. Alma Zois

Papachristou (APC Coordinator & PI)

guided the discussion in the round table, asking the representatives to

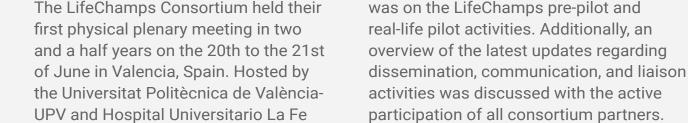
representatives was organized,

coordinated by APC and ECPC,

Papageorgiou Hospitals and patient association representatives from ELLOK and Alma Zois Thessaloniki - Women with Breast Cancer Association, with the support of ECPC partners. After the closing remarks, an interactive session was performed by AUTH's technical team, showcasing the monitoring devices

and collecting patients' feedback on the improvement of the

LifeChamps mobile app in view of the pre-piloting period.



- HULAFE partners, the meeting was a great opportunity for partners to present the project's main accomplishments

and discuss its overall progress. Productive discussions took place among all participants, focusing on the project's status and progress since

the last plenary meeting, including project management, technical work,

The first day of the plenary meeting focused on demonstrating the project's

The LifeChamps H2020 Project was

invited, alongside two other H2020

projects (InAdvance H2020 Project

in the first VITALISE H2020 Project

R&I projects, the LifeChamps team

and URBANOME H2020), to participate

Summer School held on July 6-7, 2022,

in Marathon, Greece. In a special session

on successful case paradigms of Living

Lab (LL) methods and tools in EU-funded

demonstrated how it applies co-creation

and LL methodologies in its research.

and dissemination activities.

6th Plenary Meeting for The LifeChamps Consortium!

technology and resolving any issues that may arise during the piloting phase. On the second day, the focus LifeChamps at the First Summer School Organized By Vitalise H2020 Project!

> The LifeChamps team, represented Panagiotis Bamidis - LifeChamps Project Coordinator, Dr. Antonis Billis -LifeChamps Scientific Coordinator, and

Despoina Mantziari - PhD Candidate &

showcased the project's framework,

Research Associate at AUTH iMedPhys,

analyzed LifeChamps' mission and overall

aim, and emphasized the importance of

activities with end-users as part of the

stakeholder engagement and co-creation

by the AUTH partner, specifically Prof.

LifeChamps solution's development.

A particular focus was given to the

practice and care and to upgrade

with the guidance of highly experienced

trainers of the VITALISE project.

Oncology-Focused Living Labs initiative, which is led by LifeChamps partners

(AUTH, ECPC) with the support of ENoLL and SIOG. This initiative is in line with the EU Cancer Mission recommendation to use LLs as a vehicle towards effective digital transformation of cancer clinical

LifeChamps H2020 at the OpenLivingLabDays 2022 In Turin From September 20th to 23rd, 2022, the global Living Labs community gathered in Turin, Italy, and the LifeChamps project was in attendance. As the main business and cultural center of Piedmont, this thriving city was the perfect place to discuss open innovation, emerging technologies, and green transition. OLLD 2022 was not only a gathering of Living Lab professionals, changemakers, shapers, entrepreneurs, and academics, but it was also a place to generate new ideas

During OLLD, special attention was given to the Oncology-Focused Living Labs initiative, which was led by LifeChamps partners (AUTH, ECPC) with the support of ENoLL and SIOG. This initiative was part of the EU Cancer Mission recommendation to use LLs as a vehicle towards the effective digital transformation of cancer clinical practice & care and the upgrade of research & innovation in the field.

research and innovation in the field. The VITALISE Summer School 2022 aimed to support researchers and Living Lab beginners interested in applying the Living Lab methodology and tools in their studies and research. Participants had the opportunity to learn more about Open Innovation and Living Lab tools, methods, and services,

talents, and products. The central theme of BEYOND 2022 was Ai technology and its various fields of application. During the two-day conference, internationally renowned speakers, round tables, workshops, and various presentations introduced the audience to the world of artificial intelligence and its impact on modern society and daily life. A Collective Intelligent **Platform** to Support

ARISTOTLE Karolinska Therefore, the Technology Forum aimed to present cuttingedge technologies to enterprises that could be used to produce innovative products and services. At both events, LifeChamps Research Associates from the AUTH DataLab Team, Ioannis Mavroudopoulos & Ilias Dimitriadis, showcased the LifeChamps project in specially designed booths while presenting the latest developments of the project and interacting with the local community of stakeholders.

Consortium Partners EXALENS® netcompany University of Glasgow Academic primary health care centre

adherahealth

Capgemini **D¢LL**Technologies

Get in Touch

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LifeChamps Project **LinkedIn Group:** LifeChamps: A collective intelligent platform to support cancer champions

LifeChamps-H2020

life champs www.lifechamps.eu @LifeChampsH2020

This project has been funded by the European Union's Horizon 2020

and form partnerships. Professionals came together to

issues facing our cities and living environments today.

share their thoughts and experiences on the most pressing

The LifeChamps project was represented by the AUTH partner, specifically by Prof. Panagiotis Bamidis - LifeChamps Project Coordinator, Dr. Antonis Billis - LifeChamps Scientific Coordinator & Despoina Mantziari - Ph.D. Candidate & Research Associate at AUTH iMedPhys Lab. The AUTH team had the opportunity to showcase the project's framework, analyze LifeChamps' mission, and discuss its overall aim.

The Beyond Expo is the first international stage for Industry in South Eastern Europe, the Mediterranean, and the MENA

Technology Forum Thessaloniki/Beyond Expo

2022: Innovation and Industry Meet Research!

At the end of September 2022, LifeChamps partners AUTH

2022) & the Technology Forum Thessaloniki (29/09/2022).

(iMedPhys & DataLab research groups) & Exalens participated

in two parallel technological exhibitions & forums, which took

place physically in Thessaloniki: The Beyond Expo (29/09-1/10

region. The exhibition is designed to address today's needs and become the melting pot of the world's brightest minds,

> Cancer Champions

MYSPHERA

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