IDIH Week | USA Regional Workshop
The Impact of COVID-19 on the Shared Priorities for International Cooperation in Active and Healthy Ageing

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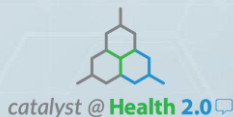
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1700-1900 CET

MARCH 21, 2022

Findings from the IDIH Experts Forum [HOW]:

- 4 Experts Groups
- 4 Strategic Topics
- 3 Experts Groups Workshops
- IDIH Week 2021
- IDIH Webinar
- Consultation with the IDIH Users Consultation Group:

AGE Platform Europe
Ilenia Gheno, Research Project Manager

EIWH EUROPEAN INSTITUTE OF WOMEN'S HEALTH
Peggy Maguire, Director General

株式会社MTヘルスケアデザイン研究所

EUPHA EUROPEAN PUBLIC HEALTH ASSOCIATION
Anna Odone, President of the Digital Health section

AGING 2.0
Stephen Johnston, co-funder

中国老年学和老年医学学会智慧医养分会
SMART HEALTH CARE AND HOME CARE BRANCH OF CHINA ASSOCIATION OF GERONTOLOGY AND GERIATRICS
Jie Wang, Vice President

GERONTECHNOLOGY

Digital Health Transformation Forum

> Expected to become a long-lasting mechanism for international dialogue on exploitation of synergies, promising avenues, and open issues in digital health.

> Shall develop a Roadmap with concrete measures for enhancing collaboration in priority areas.

IDIH Expert Groups

Activities
- Collaborative actions
- Exchange in areas and topics of collaboration in digital health domains
- Ensure mutual learning and knowledge exchange between countries and regions

Experts
- Four Expert Groups (one per strategic topic)
- Experts coming from research, technology, industry, advocacy groups, etc.
- Experts were selected via application process
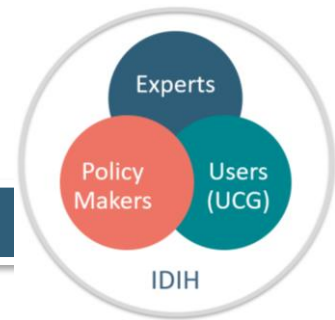
Four Strategic Topics

	Preventive care	**Integrated care**	**Independent and connected living**	**Inclusive living**
	Focus: Early diagnosis and detection. Active and healthy aging begins with a prolonged health regimen. Tech enabled solutions that engage users in health and wellness techniques will allow active and meaningful senior lifestyles.	Focus: Using new technologies to redesign, coordinate and integrate health and social services and place citizens, patients and seniors at the centre of health systems. Technology in the integrated care domain is intended to provide support at the point of care, anytime and anywhere.	Focus: Tele monitoring via smart home and living technologies. Connected living is made possible through smart sensors and buildings, mHealth solutions, mobility aids, secure data, robotics, and e health	Focus: Helping the elderly to feel socially more connected. Healthy environments equal healthy individuals. In the aging population, a component of healthy living is inclusivity, promoting positive social engagement, and ensuring a rewarding social aspect to age
Facilitators	APRE	STEINBEIS 2i	catalyst @ Health 2.0	ATC
EU	Giovanni Saggio *University of Rome Tor Vergata*	Ville Salaspuro *Mediconsult Oy* / Isabel Van De Keere *Immersive Rehab*	Matteo Antonio Melideo *Engineering Ingegneria Informatica SpA*	Dr Matthew Lariviere *University of Sheffield*
USA	Steven Charlap *CEO of GeneYes*	Christopher Gorton *Medsolis*	George Demiris *University of Pennsylvania*	Dr Mandy Salomon *Mentia Inc.*
Canada	Yves Joanette *Université de Montréal*	Kendall Ho *University of British Columbia*	Robyn Tamblyn *McGill University Health Centre*	Dr Habib Chaudhury *Simon Fraser University*
China	Yiqiang Chen *Chinese National Institute of Science and Technology*	Yanchun Zhang *Victoria University*	Guilan Kong *Peking University*	Dr. AJ Chen *West China Hospital*
South Korea	Hye-jin Kim *Baekseok University*	Jisoo Lee *HealSage consulting*	Kyoung Lee *Texas A&M University*	Dr Roland Wilson *George Mason University*
Japan	Dr Takao Tashiro *The Open University of Japan*	Ms Kanoko Oishi *Mediva*	Dr Hirohisa Hirukawa *NovusCare*	Dr Satoko Hotta *Keio University*

Experts

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TOWARDS A ROADMAP FOR INTERNATIONAL COOPERATION IN DIGITAL HEALTH FOR AHA

A Digital Health Transformation Forum contribution

Experts
Policy Makers
Users (UCG)
IDIH

1º PLC

1º UCG

Inclusive Design Webinar

Data Protection Regulations and Data Sharing Webinar

2º PLC

2º UCG

1º Expert Groups Workshop
May 2020

- Common vision
- Challenges
- Collaboration options
- Recommended topics for cooperation

2º Expert Groups Workshop
May 2021

- Refined priorities for cooperation
- Proposed actions

3º Expert Groups Workshop
Nov 2021

- Communalities
- Barriers of the 3 identified priorities for cooperation
- Vision + Concrete actions within next 5-10 years

IDIH Week
Mar 2022

CURRENT VERSION OF THE ROADMAP (1.0)
- The framework of the EGs
- Key Technologies per EG
- EG Priorities
- Current International Activities per EG
- Preliminary Recommendations

NEW VERSION OF THE ROADMAP (2.0)
What to enhance?
- Common priorities and visions
How to enhance?
- Barriers & targeted actions
- Vision

The Shared Priority Areas

Interoperability by Design

To ensure **accessibility, sharing and protection of data from different sources**, such as **IoT wearables** and **sensors** through the development **of international standards**, and **procedures** and **incentives for producers** accessible by all countries based on an **interoperability-by-design approach** of digital solutions for preventive and integrated care, independent and inclusive living of the older persons

Data Governance

To foster a **shared understanding of the determinants of healthy ageing** through new/existing multi-modal and **forward/backward longitudinal studies** and **Big Data analytics** based on the use of multiple data sources (such as patient reported data, patient validated data in EHRs, biometrics and biological data), validated with and by patients through **personalised-medicine approaches** and according to a **shared international validation framework** which also addresses cybersecurity aspects.

Digital Inclusion

To favor **inclusive healthcare systems** through **age-friendly technologies** that **address social isolation and loneliness**, based on empowerment models, inclusive co-design and **enhanced digital literacy practices**, supported by international and multi/transdisciplinary research towards the adoption of the **5-As approach (acceptability, applicability, accessibility, affordability, accuracy)**
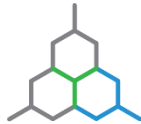
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IDIH WEEK 2022

USA Regional Workshop
(March 21, 17.00 – 19.00 CET)
Organized by CATALYST (IDIH Partner)

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CONCEPT | This Workshop intends to explore the **impacts of COVID-19 on Active and Healthy Ageing (AHA),** with a special focus on Independent and Connected Living where there have been surges in innovation while progress has stalled as resources are shifted. Thanks to different perspectives, such as those of start-ups, investors, and the patients themselves, the workshop aims to survey a broader range of the relevant R&I landscape in the United States. In particular, by taking into consideration the findings of the IDIH Digital Health Transformation Forum, around the areas of *Data Governance, Digital Inclusion, Interoperability-by-design,* a Panel Discussion will reflect on how they might be impacted in a post-COVID 19 scenario.

CET	EST	[Draft] AGENDA
17.00 – 17.05	12.00 – 12.05	**Welcome and introduction**
17.05 – 17.20	12.05 – 12.20	**Aims and methodology of the USA Regional Workshop**
17.20 - 18.20	12.20 - 13.20	**Panel Discussion:** ▪ *Nancy B. Finn, Healthcare Journalist & Author* ▪ *Iana Simeonov, Digital Health Strategy Consultant; Principal Investigator & Consultant, Public Health Institute* ▪ *Deven McGraw, Co-founder and Chief Regulatory Officer for Ciitizen* ▪ *Mandy Salomon, CEO of Mentia* ▪ *George Demiris, Penn Integrates Knowledge University Professor, University of Pennsylvania* ▪ *Matthew Holt, General Manager & Co-founder, Catalyst @ Health 2.0* **Moderation by:** *Indu Subaiya, MD MBA, President & Co-founder, Catalyst @ Health 2.0*
18.20 – 18.35	13.20 – 13.35	**Q&A**
18.35 – 18.40	13.35 – 13.40	*Break*
18.40 – 19.00	13.40 – 14.00	**Conclusions**

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The Shared Priority Areas

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Takeaways

Interoperability by Design

- **"Information blocking" (or sharing) without special effort**
- **Obstacles: incentives for companies to share their data**
- COVID Opportunities:
  - Broke down silos to make data sharing and interoperability more feasible (may not be privacy obstacles or lack of technical standards, but more about company assets)
  - **Need for outreach, access, infrastructure: that there is a community that outreach may not have reached previously – lack of access became clear**
    - Case study: nursing homes
  - More education is needed to prepare caretakers to support them in their roles, and help patients understand why they have benefits and how to use them

Data Governance

- Information flow tends to be one way
  - Why not also reverse, so that the data gathered can also be used by innovators/think tanks
  - **Incentivizing data collectors to contribute data to public "commons" - reimbursements**
- How can the data translate into care and use in the elderly community (beyond research, academia, and physician use) – integrating/converting data streams to impact outcomes
- Data being helpful and useful vs. oversharing/overuse of data – how to navigate/best use "red flag" indicators
- Considerations for **in-person visits vs. telehealth** – what information trackers are needed in order to **make remote care more comparable to in-person visits**
  - Impact of AI
- Need to understand to what degree data and its use are being taught to practitioners as they progress through their education

Digital Inclusion

- Digital literacy as SDoH
- Importance of right people and tools to navigate digital health landscape
- **Care navigators' importance in navigating care pathway, insurance, and data use, and ensure that senior patients are not left behind**
- Inclusive design as mandate in international validations and standards
  - Opportunity to build skills & competencies to navigate these care pathways
- COVID highlighted lack of inclusivity – highlighted gaps between expected and actual access – where idea and tech are there, but pragmatics of workflow & access - not just device but environment around the device (inclusive design in development pipeline)
- How do you visualize data in a way that is accessible and inclusive?
- Improving understanding of why data is collected, how it's stored, etc. – improvements to consent process
- Need to find funding to support inclusivity, as there is no clear ROI

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IDIH WEEK 2022

A 4-day online event dedicated to researchers, innovators, care providers and users associations dealing with Digital Health for Active and Healthy Ageing (AHA).

Information, networking & matchmaking, and co-creation sessions among all the key-stakeholders of digital solutions for AHA in Europe, Canada, China, Japan, South Korea and USA.

Asian slot:9.00 – 11.00 CET/16.00 – 18.00 CST/17.00– 19.00 JST&KST
American slot:15.00 – 17.00 CET/9.00 – 11.00 EST/6.00– 8.00 PST

		MONDAY	TUESDAY	WEDNESDAY	THURSDAY
Asian slots	Hour 1	INFO DAY	PITCH DAY 1	Japan Regional Workshop	INNOVATION DAY
	Hour 2				
American slots	Hour 3	US Regional Workshop (17.00 – 19.00 CET/11.00-13.00 EST/8.00 10.00 PST)	2ⁿᵈ PLC Meeting (Reserved to Policy Makers)	PITCH DAY 2	INNOVATION DAY
	Hour 4				
		March 21	March 22	March 23	March 24

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Partnering Day
(March 22, 9.00 – 11.00 CET)

Partnering Day
(March 23, 15.00 – 17.00 CET)

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Patient Planet

University of Bristol

University of L'Aquila

Pinktrainer

endocore lab srl

(Univpm) Università Politecnica delle Marche

Gavon Ltd.

Endocorelab S.r.l.

Mentia

Logosnet

The Ottawa Hospital

National Cheng Kung University

Department of Economics and Finance, University of Rome Tor Vergata

Fit&Fly SSDRL

Hassisto

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IDIH WEEK 2022

Japan Regional Workshop
(March 23, 09.00 – 11.00 CET)
Organized by SAWARABI (IDIH Partner)

SAWARABI
GROUP

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CONCEPT | With the participation of the Ministry of Internal Affairs and Communication, in charge of *Horizon* in Japan, this Workshop (in Japanese with English subtitles) intends to explore **how Japan is facing Digital Transformation for a rapidly ageing society**, with a focus also on *Data sharing and security*. A panel-discussion will be held, then, with some key-players in the R&I landscape in Japan, reflecting on how to eliminate the Digital Divide, without anyone left behind. A session will be dedicated to Q&A with the audience.

[Draft] AGENDA	
9.00 – 9.10	**Welcome and introduction** *Sakon Yamamoto, SAWARABI (IDIH Partner)*
9.10 – 9.40	**How Japan is facing Digital Transformation for a rapidly ageing society?** *Information sharing session by the Ministry of Internal Affairs and Communications (Japan)*
9.40 – 10.40	**Panel Discussion: How can we eliminate digital divide?** ▪ *Prof. Katuya Iijima, Tokyo University* ▪ *Prof. Katunori Kondo, Chiba University,* ▪ *Yasuko Akutsu, MT Healthcare Design Institute* ▪ *Sakon Yamamoto, Representative of the House, IDIH-Japan* *Moderation by: SAWARABI (IDIH Partner)*
10.40 – 10.50	**Q&A**
11.00	*Closure*

Link to access the meeting: click here

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IDIH WEEK 2022

Innovation Day
(March 24, 9.00 – 11.00 CET)

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e-VITA EU Japan Virtual coach for smart ageing

CONCEPT | Starting from the findings of IDIH Experts – gathered in the IDIH Digital Health Transformation Forum – this event will be the occasion to address Digital Health for Active and Healthy Ageing focusing on the three areas suggested by the IDIH Experts for enhancing international cooperation in the field: *Data Governance, Digital Inclusion, Interoperability-by-design*. Thanks to the participation of the e-Vita project, a Panel Discussion, also based on the case studies offered by this EU-Japan collaboration, will further explore these areas highlighting tech challenges and opportunities offered by collaborative research at international level. A co-creation session will follow among the panellists, as well as the audience through ad hoc tools for live interactions.

AGENDA	
9.00 - 9.10	**Welcome and introduction** *Kristin Dallinger, IDIH Coordinator*
9.10 - 9.20	**Data Governance: the outcomes of the IDIH Experts Forum in the field of Digital Health for Active and Healthy Ageing** *APRE & ATC*
9.20 - 9.30	**Governance from the end-users' perspective: State of the art and first design for an understandable interface for older adults** ▪ *Dr. Jasmin Lehmann, Senior Researcher Social Sciences and Ethics at University of Siegen* ▪ *Dr. Rainer Wieching, Divisional Director Health and Prevention at University of Siegen in Germany and e-VITA EU project coordinator*
9.30 - 9.40	**Digital Inclusion: the outcomes of the IDIH Experts Forum in the field of Digital Health for Active and Healthy Ageing** *APRE & ATC*
9.40 - 9.50	**Digital Inclusion: a case study from the e-VITA project** ▪ *Roberta Bevilacqua, Researcher and Psychologist at INRCA, National Institute on Health and Science Aging, member of e-VITA project*
9.50 - 10.00	**Interoperability-by-design: the outcomes of the IDIH Experts Forum in the field of Digital Health for Active and Healthy Ageing** *APRE & ATC*
10.00 – 10.10	**Standardization of data and systems: addressing security and privacy of cross border data** ▪ *Sara Casaccia, Assistant Professor, Università Politecnica delle Marche*
10.10 - 11.00	**Co-creation session:** improving IDIH outcomes based on the living labs experiences of e-Vita project
11.00	*Closure*

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IDIH WEEK 2022

Innovation Day
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IDIH · **GERONTECHNOLOGY** · **AGEWELL** Canada's technology and aging network

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AGENDA	
15.00 - 15.10	**Welcome and introduction** *Kristin Dallinger, IDIH Coordinator*
15.10 - 15.20	**The International Society for Gerontechnology. Its mission and activities** *Gloria Gutman, President of the North American Chapter International Society for Gerontechnology*
15.20 - 15.30	**AGE-WELL Network: Making Canada a world leader in technologies that help aging population** *Andrew Sixsmith, Associate Scientific Director, AGE-WELL Network of Centres of Excellence. IDIH Expert*
15.30 - 15.40	**The outcomes of the IDIH Experts Forum in the field of Digital Health for Active and Healthy Ageing** *Mathilde De Bonis, APRE (IDIH Partner)*
15.40 - 15.50	**Frameworks for technology design and technology interventions: Application to social connectivity.** *Neil Charness, William G. Chase Professor of Psychology, Florida State University. Director, Institute for Successful Longevity*
15.50 - 16.00	**Multi-modal and longitudinal studies towards a shared understanding of the determinants of healthy ageing** *William Kearns, Associate Professor (Retired Meritorious). Department of Rehabilitation and Mental Health Counseling. University of South Florida*
16.00 - 17.00	**Co-creation session:** improving IDIH outcomes based on the Panel insights
17.00	*Closure*

Link to access the meeting: click here

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