



# Empowered Partners in Health through user-driven digitisation

## EHTEL 2018 Symposium

3-5 December 2018 in Brussels, Belgium

The yearly EHTEL Symposium convenes once more the European Digital Health community in Brussels. Join health policy leaders, strategic projects and initiatives, non-governmental organisations, industrialists - and many more stakeholders. The symposium will provide insight and dialogue on how user-driven digitisation best delivers its benefits for all.

*Learn – Share – Find Partners and Concrete Solutions*

### 3 Dec 10:00 – 17:15 **Symposium Plenaries & Debates**

- 4 Dec 09:00 – 17:30
- ▶ Setting the Scene: Citizens/Patients and Health Policy Views
  - ▶ From Lightweight Wellness Apps to Managing Serious Conditions
  - ▶ Creating Value from Well-Being Data: Enabling Care Innovations
  - ▶ EU-Vision for Better Medicine and Health Gains with Digitisation
  - ▶ Data and Well-Being in Practice: Co-Creating for Patients' Benefit
  - ▶ Making Digital Healthcare Meaningful: Role of Health Work Force
  - ▶ Innovation Initiative: Living Labs for Digitisation in Healthcare
  - ▶ Leveraging Synergies of Machine Learning and Digitisation
- Panel: AI as a Game Changer: Patients, Professionals and Provider View

### 5 Dec 08:30 – 16:00 **Symposium Matchmaking Event**

- ▶ Personas: Modelling Citizens & Patients Needs for Digital Services
- ▶ Deploying Digital Services: Field Experience and Actual Impact
- ▶ Interact: Matchmaking around Conditions for Successful Deployment

The event will be kindly hosted by EESC, the voice of organised civil society in the Union's decision-making process.

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## Symposium Plenaries & Debates

Over the first two days, participants will explore how user-driven digitisation – enabled by all those working to innovate in technologies and services – is delivering benefits to empower:

- **Consumers and Patients:** With smart tools enabling health promotion and prevention and linking to information – including health records – and resources in health and social care;
- **Health care managers and providers:** For next-generation care planning, integrating individual patient data and big data using a population health approach;
- **The health workforce:** So that jobs gain from carefully designed and adjusted digital tools, and personnel are trained to use their digital skills to create meaningful documentation and workflows.

By tackling these three areas of digitisation, the symposium will cover the three priority pillars set out by the European Commission in its 2018 Communication – patient access, personalised medicine, and digital interaction. Finally, in a forward-looking mode, the symposium will debate how artificial intelligence and machine learning systems could contribute to these policies.

## Monday 3 December [Venue EESC – JDE62]

10:00 – 11:00 **Registration at European Economic and Social Committee (EESC)\***  
Rue Belliard 99-101, 1000 Brussels\* (Jacques Delors Building)  
**Meeting Room: JDE62 (6<sup>th</sup> Floor)**

11:00 – 12:30 [s1] **Welcome and Setting the Scene**  
“Seeding statements” set the scene for user needs [patients/ citizens and health care planners/authorities] that need to be taken into account by “User driven digitisation”.

**Welcome by EESC**  
Ariane Rodert, President INT Section, EESC, Brussels

**Welcome by EHTEL**  
Simona Abbro, President, EHTEL

**Setting the Scene: “User-driven Digitisation” – Viewpoint of Patients/Citizens**  
Christoph Thalheim, European Multiple Sclerosis Platform and Eur. Patient Forum, Brussels

**Setting the Scene: “User-driven Digitisation” – Health Care Planners and Authorities**  
Don McIntyre, Digital Health and Care Institute (DHI), Scotland, United Kingdom

**EESC Opinion INT/852 Digital transformation/health and care on COM(2018)233**  
Diego Dutto INT Section, Rapporteur on Opinion INT/852, EESC, Brussels

12:30 – 13:30 **Lunch Break**

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13:30 – 15:15 [S2]



### From Lightweight Wellness Apps to Managing Serious Conditions

Learn about state-of-the-art for wellness and patient centric Apps, health games for prevention and more; see examples in support of chronic conditions & secondary prevention.

#### State of the Art ...

##### ... for Wellness and Patient Centric Apps

Dee O'Sullivan, Director, myhealthapps.net at PatientView, United Kingdom

##### ... for Health Games and their Impact for Health, Prevention and Rehabilitation

René Luigies, Games for Health Europe, The Netherlands

### The Case for Patient-Apps to Improve Prevention and Management of Chronic Conditions

#### ... in Integrated, Hospital-based, Health Networks in Israel

Rachelle Kaye, ConneCare, Assuta Medical Centres and Maccabi Healthcare, Israel

#### ... for Cystic Fibrosis Patients in Europe through APP-based Diet Advice

Hilde De Keyser, MyCyFAPP & Cystic Fibrosis Europe Association, Belgium

### Commentary: Consumers' and Patients' Voices on the Impact of Health and Fitness Apps

Jelena Malinina, Digital Health Policy Officer, BEUC, Brussels

#### Q&A and Conclusions by the Session Chair

15:15 – 15:45

Coffee Break

15:45 – 17:15 [S3]



### Creating Value from Well-Being Data: Enabling Care Innovations

This session will explore the huge potential for secondary use of well-being and health care data for research, development, innovations and management, creating better health perspectives for patients and societies. Mining those data provides new opportunities on the health policy level as well as to change care options for individual patients. It will also highlight the necessary checks and balances from a regulatory viewpoint incl. GDPR.

*Session Chair: Dr Hannu Hämäläinen, Senior Advisor, Sitra*

#### Mission Statement by the Session Chair: Data as an Enabler for Care Innovations

#### Mining Well-being Data for Better Care: Eleven Forerunner Countries in Europe

Saara Malkamäki, Specialist, Sitra – the Finnish Innovation Fund, Finland

#### Enabling Secondary Use of Health Data in Europe – Lessons Learned from Finland

Dr Hannu Hämäläinen, Senior Advisor, Sitra – the Finnish Innovation Fund, Finland

#### Data Saves Lives – a Partnership to Improve the Use of Health Data in Denmark

Anne-Katrine Nielsen, Business Dev. Manager, Copenhagen Healthtech Cluster, Denmark

#### Analysis & Behavior - an Ecosystem for Value Based Remuneration in Holland

Koos Pecht, Wietse Rypkema, i2i - Intelligence to Integrity, The Netherlands

#### Q&A and Conclusions by the Session Chair

17:15 – 17:25 [S3A]

### Closing Symposium Day 1 – Messages on Digital Health by EESC

Dimitris Dimitriadis, Vice-President INT Section, Rapporteur on HTA, EESC, Brussels

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18:00 – 19:30



Members': Annual General Meeting (Part 1)

**Hotel Leopold\***, Rue du Luxembourg 35, 1050 Brussels\*



20:00 – 23:00

Annual EHTEL Symposium 2018 - Networking Dinner

Venue: **Hotel Leopold\***, Rue du Luxembourg 35, 1050 Brussels\*

## Tuesday 4 December [Stanhope Hotel]

08:00 – 9:15



Members': Annual General Meeting (Part 2)

**Hotel Leopold\***, Rue du Luxembourg 35, 1050 Brussels\*



09:15 – 09:30

"1,000 Steps" - Venue transfer for EHTEL Members

08:30 – 09:30

Registration at **Stanhope Hotel\***, Rue du Commerce 9, 1000 Brussels\*

09:30 – 10:45 [S4]



**EU-wide Vision for Better Medicine and Health Gains with Digitisation**

Learn on the European Policy Agenda for Digital Health and Care moving to the next decade, supported hopefully by pending Multiannual Financial Framework 2021 - 2027: Questions being addressed are e.g.: What are the visions and envisaged benefits? How will it materialise for all Europeans? What lessons are being learned in Member States? How to implement state-of-art service-oriented Health-IT-Infrastructures?

**European Vision for Digital Health: How the Commission Proposes to Boost Digitisation**

Ioana-Maria Gligor, Head of Unit European Reference Networks and Digital Health, DG Santé, European Commission, Brussels

**How to Translate Health Policy Aims through eHealth into Tangible Patient Benefits: Lessons Learned from the Implementation in Czech Republic**

Dr Alena Steflova, Deputy Minister of Health, Czech Republic

**Moving Towards a Data Sharing European Health Community: First Steps**

Dr Ceri Thompson, Head of Sector e-Health and Ageing policy, DG CNECT H3 eHealth, Well-Being and Ageing, European Commission, Luxembourg

**Speakers Panel and Q&A from the Audience**

**Conclusions by the Session Chair**

10:45 – 11:15

Coffee Break

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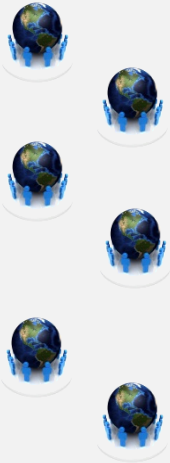
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11:15 – 12:30 [S5]

**Data and Well-Being in Practice: Co-Creating for Patients’ Benefit [World Café]**

Participants will jointly “co-design” digital health services around the third priority of the “Digicare” Communication 2018(233) i.e. “Digital tools for citizen empowerment and person-centred care”.



**Introduction to our World Café Working Method and Presentation of Table Moderators**

Stephan Schug, EHTEL

World Café round tables will start from three ways for translating data sharing into health gains:

- **Prevention / Wellness** (Citizens/Patients supported by individual feedback via Apps)
- **Chronic Disease Management** (Patient oriented, Provider driven; Case Management)
- **Allocation of Health and Care Resources** (Policy / Admin Care Planning & Population Health)

Participants share information on implementation scenarios for data driven health and social care (practice and planning). Scenarios and data flows may range from feedback on wellness parameters, interactive communication tools and “work flows” between patients and providers. This includes EHR services, secondary data use and big data. Sharing your scenario will be supported by the provision of visualisation tools for information flows. And always keep an eye on privacy/consent.

Table Facilitators/rapporteurs: Diane Whitehouse, Marc Lange and Stephan Schug, EHTEL Team and volunteers recruited on day 1 of the symposium (contact us).

12:30 – 13:15 [S6]

**Data Sharing and Well-Being in Practice: Feedback from Tables / Rapporteurs**

All tables will have their visualisations ready and are prepared to report to the plenary.



13:15 – 14:15 Lunch Break

14:15 – 15:30 Interactive Break Out Sessions

Room 1

Room 2

[S7A] **Making Digital Healthcare Meaningful: Role of the Health Work Force**

How to best integrate health-specific digital into the education of health professionals. How to teach digital natives now entering the health work

Chair/Facilitator: Stephan Schug, EHTEL

- ◆ **EU\*US eHealth Work Case Studies**  
Torja Shaw, TIGER/HIMSS North America
- ◆ **Digital Skills and Quality of Care**  
Liat Todris, Rachelle Kaye, Assuta, Israel
- ◆ **Medical Students Needs for Digital Skills’ Education: Results from an EMSA Survey**  
Lina Mosch & Felix Machleid, European Medical Students Association (EMSA)
- ◆ **Needs & Gaps: Insights from a Global Survey**  
Commentary by the Session Chair
- ◆ **Panel: Education towards Digital Healthcare – a Building Block for Future Patient Safety**

[S7B] **Innovation Initiative Spotlight: “Living Labs for Digitisation in Healthcare”**

Learn how living labs support digitisation for health and care. Hear on examples of co-design in Denmark, Scotland, and Spain. How can demand and supply sides can be brought together in co-creative ways.

Chair/Facilitator: Marc Lange, EHTEL

- ◆ **The Role of Design Innovation in the DHI**  
Don McIntyre, Digital Health and Care Institute (DHI), Scotland, United Kingdom
- ◆ **Innovation in Belgium – an Introduction**  
Katrien Van Gucht, imec, Belgium
- ◆ **OuluHealth: The Ecosystem for Innovation**  
Kalevi Virta, CHT, Univ. of Oulu, Finland
- ◆ **Business Support and Co-creation: eHealth Hub and InDemand**  
Myriam Martin, TicBioMed, Murcia, Spain.
- ◆ **Panel Discussion** with audience and presenters

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15:30 – 16:00

Coffee Break

16:00 – 17:00 [S8]

### Looking Ahead: Leveraging Synergies of Machine Learning and Digitisation



Participants will learn from the big promises of Artificial Intelligence (AI) and machine learning and how pervasive digitisation is emerging to provide the foundation for meaningful new services.

#### Year 2025 Vision:

#### How Artificial Intelligence will Change Patients and Physicians Lives in Daily Practice

Lester Russell, IBM, United Kingdom

#### Re-Inventing Histopathology through AI and Improving the Clinical Impact

Norman Zerbe, Dep. Digital Pathology, Charité and Berlin Institute of Health, Germany

#### A Wider User Perspective on Artificial Intelligence as a Component of Health Care

Tomasz Szelaḡowski, Polish Innovative Medical Cluster PIKMED, Poland

*(Followed by debate: AI as a Game Changer)*

17:00 – 17:30 [S9]

### Debate: AI as a Game Changer: Patients', Professionals' and Provider Views



Join an interactive debate reflecting the existing achievements of Artificial Intelligence, how do they integrate into and change daily medical practice. What will we see in the next years? Is it realistic that young doctors should stop investing into becoming specialists in fields like radiology? Or will be just see a gradual change in tasks that Health IT can deliver?

Panel Chair: Lester Russell, IBM, United Kingdom

*Panellists: Speakers, Representatives of consumers/patients and professionals/providers*

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# Symposium Spinoff Matchmaking Event

### 5 December 2018 in Brussels, Belgium

This year, a third day has been added to the EHTEL Symposium as a spinoff workshop. This matchmaking event is designed primarily for health care managers and all those engaged in modernising their health care system. *The workshop has two phases:*

- In a first phase, participants will be invited to review the needs for digital health and care services of the population and will learn about the experiences of managers who have successfully deployed these services in the field.
- In a second phase, participants will engage in round table conversations with these managers. You will discuss in detail the context and policy elements which have enabled the successful deployment of these services.

As a result, participants may identify potential partners for twinning and coaching activities and get the necessary operational support for future twinning activities.

**The matchmaking event is organised in close collaboration between EHTEL, the Reference Sites Coordination Network (RSCN) as well as the WE4AHA and SCIROCCO projects. Methodologies developed by these two projects will be leveraged.**

## *Wednesday 5 December [Campania EU-Office]*

08:30 – 09:00	<b>Registration at the <u>EU Office of the Campania Region*</u></b> <u>Avenue de Cortenbergh 60, 1000 Brussels*</u>
09:00 – 09:10 [M1]	<b>Welcome and Setting the Scene</b> Marc Lange, EHTEL
09:10 – 10:30 [M2]	<b>Personas: Modelling Citizens and Patients Needs for Digital Services</b> Participants will learn from the most recent work done in EIPonAHA on further developing the Blueprint for the Digital Transformation of Health and Care. They will learn how patients' need for digital services have been modelled and what are the digital services to be considered as flagship for policy purposes at European level. <b>Session Chair</b> Marc Lange, EHTEL <b>Introduction to the Blueprint and the Personas</b> Veli Stroetmann, empirica and WP4 leader in WE4AHA project, Germany <b>Needs of Personas who are Generally Well</b> Maddalena Illario, RSCN / Campania Region ...

**Needs of Personas with Chronic Conditions**

Diane Whitehouse, EHTEL

**Needs of Personas with Co-morbidities**

Donna Henderson, TEC & Digital Health & Care Innovation, Scotland

**Overview of Digital Services Addressing the Personas' Needs**

Strahil Birov, empirica and WP4 leader in WE4AHA project, Germany

**Q&A and Conclusions by the Session chair**

**10:30 – 11:00**      **Coffee Break**

**11:00 – 12:30 [M3]**      **Deploying Digital Services: Field Experience and Actual Impact**

Participants will be presented, in a structured way, a few examples of Digital Services deployed in the field and at scale, with a view to learn about what has been actually deployed, for whom and to pursue which objectives.

**Session Chair**

Maddalena Illario, Campania Region

**Diraya - ICT Support to Integrating Healthcare in Andalusia**

Ana Maria Carriazo, Junta de Andalucía, Spain

**Patient Access to PHR in Turkey**

Ilkay Kaynak, Ministry of Health, Turkey

**Hospitalisation at Home in Puglia**

Francesca Avolio, AReSS, Puglia Region, Italy

**Conclusions by the Session chair**

**12:30 – 13:30**      **Lunch Break**

**13:30 – 15:30 [M4]**      **Interactive Session: Matchmaking around Conditions for Successful Deployments**

Participants will be invited to join one of the presenters of the previous session to explore what are the main conditions that made the deployment at scale successful. During the conversation, participants will have the opportunity to report on how these conditions are met in their own local environment and understand what they can learn from each other.

**As a result, they participants may identify potential partners for twinning with a view to locally develop implementation plans and may also connect with new projects that are under negotiation (DigitalHealthEurope, SCIROCCO Exchange, VIGOUR) aiming at providing support to twinning.**

The Maturity Model developed by the B3 AG for Integrated Care and operationalised by the SCIROCCO project will serve as an instrument to structure the conversation.

**Session Chair**

Andrea Pavlickova, NHS National Services Scotland

**15:30 – 16:00 [M5]**      **Reporting, Feedback and Farewell Messages**