

# Imagine 2029: Our data, our health, our care – 20th anniversary of EHTEL

EHTEL 2019 Symposium

Kindly hosted by



TIC Salut Social  
Technology, innovation  
and digital transformation

3-4 December 2019

CaixaForum Barcelona

Av. Francesc Ferrer i Guàrdia, 6-8,  
08038 Barcelona, Spain

# EHTEL

Collaborating for Digital Health and Care in Europe

## Join EHTEL and help us imagining the year 2029

For its 20th Anniversary, EHTEL's annual event is going local. It steps outside the "Brussels bubble". Meet the digital health community in Barcelona, Spain.

**Join our thought leading community. Explore the next frontiers of data use in improving health and care across Europe and the world.**

- ▶ Learn about the most important challenges which face European health and care up to 2029.
- ▶ Understand how the digital dimension became a significant game-changer in health and care.
- ▶ Witness the overwhelming role of data in health and care, with AI helping us to understand.
- ▶ Debate on how to establish trustful and sustainable AI-friendly ecosystems in digital health.

**2 Dec 14:00 – 17:30 I2M Satellite Session Successful adoption of healthcare innovation**  
Barcelona Health Hub, Recinto Modernista de Sant Pau, Carrer de Sant Antoni Maria Claret 167, 08025 B.



- ▶ People wanting to **adopt digital innovation in health and social care organisations** will get **guidance** on setting up **demand-driven co-creation processes**, including access to funding.
- ▶ Learn to **move digital health beyond pilots** and **boost the adoption of technological solutions** that improve health and care.

**20:00 – 23:00 Networking Buffet** [Selene Restaurant]

**3 Dec 10:00 – 17:45 EHTEL Symposium Plenary Our data, our health, our care**

- ▶ EU, national and regional policies on "Our data, our health, our care"
- ▶ Artificial Intelligence in use:  
AI for all || AI as a trustful enabler for better health and better care
- ▶ Debate: How will AI change the face of health and care?

**18:00 – 19:45 EHTEL 20<sup>th</sup> Anniversary Member Meeting**

**20:00 h EHTEL 20<sup>th</sup> Anniversary & Symposium Dinner** [El Xalet de Montjuïc]

**4 Dec 09:00 – 16:00 EHTEL Symposium Plenary Our data, our health, our care**

- ▶ Keynote "Our data, our health, our care": a vision from the Nordics
- ▶ Health data in use: People – to services – and back to the people
- ▶ Meaningful data sharing and flexible use - sharing in an AI-friendly environment
- ▶ Imagining 2029: Peeking into AI based innovation

Symposium kindly hosted by Tic Salut Social Foundation, Governmental Health IT organisation of Catalan health and social care.

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Event webpage: <https://www.ehtel.eu/2019-symposium>

## Tuesday 3 December

**09:00 – 10:00****Registration at CaixaForum** (Av. Francesc Ferrer i Guàrdia, 6-8, 08038 Barcelona, Spain)**10:00 – 10:45 [S1]****Aula 1**  
First Floor**Welcome to the EHTEL 2019 Anniversary & Symposium***Welcome by the host and the organisers***Welcome by Tic Salut Social Foundation**

Josuè Sallent, Director, Tic Salut Social Foundation, Barcelona, Spain

**Welcome by EHTEL**

Mette Atipei Craggs, Vice-President, EHTEL &amp; CIMT, Odense University Hospital, Denmark

**10:45 – 12:00 [S2]****Aula 1**  
First Floor**EU, National and Regional Policies on “Our data, our health, our care”***Governance, policies and stakeholder perspectives on European, national and regional levels.***Catalan Government eHealth Strategy and Masterplan**

Pol Perez Sust, Director of Information System, Department of Health, Barcelona, Spain

**European Health Data Space – Next Steps for the New EU Commission**

Ioana-Maria Gligor, DG Santé, European Commission, Brussels, Belgium

**Industry View on AI, Big Data and Digital Therapeutics in Europe**

John Crawford, Digital Health Consultant, CrawfordWorks, London, United Kingdom

**Q&A and Conclusions by the Session Chair****12:00 – 13:00**

Networking Lunch

**13:00 – 14:30 [S3]****Aula 1**  
First Floor**Artificial Intelligence in Use – AI Literacy for All***Mapping the field. Insights and use case highlighting what AI means today and will mean in the future for the practice of healthcare as well as the (self-)management of health and wellness.***Machine Learning, Health Analytics and AI in Healthcare: Lessons from Norway**

Alexandra Makhlysheva, Maryam Tayefi, Norwegian Centre for E-Health Research, Tromsø

**Scaling up AI in Health Systems**

Francisco Lupiañez-Villanueva, Open Evidence, Barcelona, Spain

**Artificial Intelligence in Use - Operating Rooms**

Rachelle Kaye, Assuta Medical Centres and Michael Attias, Razor Labs, Israel

**AI Friendly Data Management in Clinical Research: Using TrialComplete in Cardiology**

Johannes Stemmer, T-Systems Iberia, Barcelona / Telekom Healthcare Solutions, Germany

**Q&A and Conclusions by the Session Chair****14:30 – 16:00 [S4]****Aula 1**  
First Floor**Artificial Intelligence as a Trustful Enabler for Better Health and Better Care***Working with AI: Improve health and care through enhanced services and new diagnostic and therapeutic options. Better manage chronic diseases. Explore benefits vs. risks/challenges.***AI in practice: Enabling a Smart Phone for Predicting, Detecting and Staging Disorders**

Jan Stener Jørgensen, CIMT, Odense University Hospital, Denmark

**AI Applied to Screening for Diabetic Retinopathy**

Aïda Valls, Rovira i Virgili University, Tarragona, Catalonia, Spain

**AI for Diagnosis and Treatment of Infectious Diseases**

Carolina Garcia, Hospital Clinic of Barcelona, Spain

**AI for Diagnosis and Treatment in Dermatology**

Marc Combalia, Hospital Clinic of Barcelona, Spain

**Deep Lung: Deep Learning in Imaging for Better Detection and Assessment of Lung Cancer**

Vicent Ribas Ripol, Eurecat Technology Center, Barcelona, Spain

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

16:00 – 16:30

Coffee Break

16:30 – 17:45 [S5]



Aula 1  
First Floor

**AI as a Trustful Enabler for Better Health and Better Care - *concluded by a Debate***  
*More use cases and insights on betterment of health and care enabled by artificial intelligence.*

**Use Cases enabled by High Performance Artificial Intelligence**

Ulises Cortés, Barcelona Supercomputing Center, Barcelona, Spain

**DMCoach+: A Digital Coach to Enhance the Self-Management of Diabetic Patients**

Roberto Pratola, DMCoach and Engineering, Rome, Italy

**AI-enabled Social Robots: Artificial Intelligence in Direct Interaction**

Joao Quintas, Instituto Pedro Nunes and LifeBots Project, Coimbra, Portugal

**Panel Debate / Q&A and Conclusions by the Session Chair**

18:00 – 19:45



EHTEL 20<sup>th</sup> Anniversary Member Meeting



20:00 h

**EHTEL 20<sup>th</sup> Anniversary & Symposium Gala Dinner**

Restaurant El Xalet de Montjuïc, Av. Miramar 31, 08038 Barcelona

## Wednesday 4 December

09:00 – 09:30 [S6]

Aula 1

**Keynote “Our data, our health, our care” – a vision from the Nordics**

Jaana Sinipuro, Finnish Innovation Fund Sitra, Helsinki, Finland

09:30 – 10:45 [S7]



Aula 1  
First Floor

**Health Data in Use: People – to Services – and back to the People**

*Guided by the IHAN governance model on fair data use, this session – sponsored by the Finnish Innovation Fund Sitra - demonstrates how to “make data work for people’s health”.*

**IHAN – Building Fair Data Economy in Europe**

Hannu Hämäläinen, Finnish Innovation Fund Sitra, Helsinki, Finland

**Consent Based Data Exchange for the Benefit of a Diabetic Child – IHAN/HUS Pilot**

Birgit Paajanen, HUS Helsinki University Hospital, Helsinki, Finland

**Citizens as Active Health Data Users and Givers**

Henrique Martins, SPMS, Shared Services of the Ministry of Health, Lisbon, Portugal

**MedMij - How to Cooperate in Data Ecosystems**

Renske Trul, Netherlands Patients’ Federation, Utrecht, the Netherlands

**The Need for a Common Rulebook for Data Sharing**

Saara Malkamäki, Finnish Innovation Fund Sitra, Helsinki, Finland

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

**SITRA**

10:45 – 11:15

Coffee Break

11:15 – 12:30 [S8]

Aula 1  
First Floor

**Breakout A: Meaningful Data Sharing and Advancing for Interoperable Health Records**

*Inspired by “EHRxF” recommendation COM(2019)800: Exploring interoperability and meaningful data.*

**Towards an EHR Exchange Format: Joint Steps Member States and European Commission**

Costica Dumbrava, DG CNECT - Unit H3, European Commission, Luxembourg

**InteropEHRate - Supporting EHR Exchange through ‘Data in People’s Hands’**

Francesco Torelli, Engineering, Rome, Italy

**InteropEHRate**

Aula 1  
First Floor



### Smart4Health - Citizen-centred EU-EHR Exchange for Personalised Health

Afonso Duarte, Smart4Health Coordination Office, UNINOVA, Lisbon, Portugal

### International Patient Summary (IPS) in Clinical Use - Lessons Learned in InteropEHRate

Stefano Dalmiani, FTGM "Gabriele Monasterio" Medical Research Foundation, Pisa, Italy

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

11:15 – 12:30 [S8]

Aula 0  
Ground Floor



### Breakout B: Improving Availability and Use of Secondary Health Data

*Inspired by the DigiCare communication COM(2018)233 on enabling the digital transformation of health and care in the Digital Single Market, empowering citizens and building a healthier society, the workshop will focus on exploring secondary data use for improving health and care.*

### Introduction to DigitalHealthEurope

Strahil Birov, empirica, Bonn, Germany

### Data Infrastructure Platforms to Support Secondary Uses of Health Data

Oliver Zobell, FZ Jülich, Germany

### Moderated Discussion Based on Three Driving Questions

Diane Whitehouse and Tino Marti, EHTEL, Brussels, Belgium

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

12:30 – 13:30

Networking Lunch

13:30 – 14:45 [S9]



Aula 1  
First Floor

### Sharing in an AI-Friendly Environment: Data Donation and more

*As addressed by initiatives of the Finnish EU-Presidency and the European Commission, secondary data use and data donation may contribute to an AI-friendly European Health Data Space.*

### Ethics of Data Sharing and AI

Itziar de Lecuona, Bioethics & Law Observatory, UNESCO Chair Bioethics, Barcelona, Spain

### Finland Legislation on Secondary Data Use

Joni Komulainen, Ministry for Social Affairs and Health, Helsinki, Finland

### Salut Coop - Citizen Cooperative of Health Data

Joan Guanyabens, Salut Coop, Barcelona, Spain

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

14:45 – 15:45 [S10]



Aula 1  
First Floor

### Imagining 2029. The future is here - peek into AI based innovation

*Towards 2029. What will AI mean for the people: From a vision–incl. a use case – to interactive polls.*

### The Future of AI Based Innovation

George Crooks, Director, Digital Health Institute, Glasgow, Scotland, United Kingdom

### The Future of Smart Self-management for People/Patients with Chronic Diseases

Grant Reilly, Digital Health Institute, Glasgow, Scotland, United Kingdom

### Interactive Panel with the Audience

Martin Denz, Head Telemedicine & Enhanced Medicine, Medbase Group, Switzerland

15:45 – 16:00 [S11]

Aula 1  
First Floor

### Closing and Outlook: "Our data, our health, our care" - Imagining 2029

Alba Vergés, Minister of Health, Catalan Government, Barcelona, Spain

Simona Abbro, EHTEL President & Senior Director Marketing, UPMC, Rome, Italy