Real World Data in Healthcare

Data analytics, data privacy and harmonized ethical requirements

An International EIT Health Workshop

Thursday, 22 February 2018 at University of Erlangen-Nürnberg, Germany

In collaboration with the German MIRACUM (Medical Informatics in Research and Care in University Medicine) Kick-off Symposium 2018, 22 – 23 February 2018 at the Friedrich-Alexander-University Erlangen-Nürnberg, EIT Health is organizing an International Workshop on "Real World Data in Healthcare on 22 February in Erlangen.

The workshop will focus on the needs/roadblocks of EIT Health partners in real world evidence for new health products and services. In the second part, a world café and panel discussion will make efforts to define recommendations on how to overcome the problems identified by the participants.

Key aims of the workshop:

- Identify needs and roadblocks of EIT Health partners in real world evidence for new health products and services
- Define recommendations on how to overcome the problems identified by the participants
- Find out more about current developments in the area of real world evidence, data analytics, legal frameworks and ethical requirements in the healthcare scene
- Explore new collaboration opportunities (also with regards to the EIT Health Call for Proposals for the Business Plan 2019) and find EIT Health partners from other countries who are also interested in real world data

Venue:

Friedrich-Alexander University
Erlangen-Nürnberg
Faculty of Medicine
Hörsäle Medizin
Ulmenweg 18
91054 Erlangen
Directions:

Please register by 24 January 2018 - Registration LINK

If you want to bring and display a poster (DIN A0) on a related topic in the area of Real World Data in Healthcare, please contact Christine Neumann (christine.neumann@eit-health.de).

Supported by:

AGENDA

10:15-11:00 **Registration, Welcome Coffee & Poster Exhibition**

11:00-11:15 **Welcome**
- Prof. Dr. med. Jochen Klucken, University Hospital Erlangen
- Prof. Dr. Hans-Ulrich Prokosch, Faculty of Medicine, FAU Erlangen-Nürnberg
- Dr. Katharina Ladewig, Managing Director of EIT Health Germany

11:15-12:00 **Keynote Talk: Leveraging Real World Data to Improve Outcomes in Healthcare**
Dr. Melvin "Skip" Olson, Global Head Real World Evidence & Innovation, Novartis

12:00-13:00 **Short Talks: Data Analytics**

- **Real World Evidence in High Resolution -Unlocking the Value of Large Scale Population Cohorts**
Bart Scheerder, University Hospital Groningen, CLC Belgium/the Netherlands
- **Artificial Intelligence in Drug Development leads to Precision Medicine**
Marco Schmidt, Biotx.ai, CLC Germany
- **Leveraging Speech Analysis to Model Neurocognitive Disorders - Applications for Frontline Screening and Professional Diagnosis Support -** Johannes Tröger, German Research Center for Artificial Intelligence (DFKI), CLC Germany

13:00-14:00 **Lunch Break and Poster Exhibition**

14:00-15:00 **Short Talks: Legal Framework and Standardization**

- **Legal Framework for Processing Data in the Healthcare Environment**
Christopher Peschel, Siemens Healthineers, CLC Germany
- **How IHE (Integrating the Healthcare Enterprise) Can Help Sharing Medical Data**
Eric Poiseau, INRIA, CLC France
- **Ethical Requirements for Processing Real World Data**
Isabelle Huys, KU Leuven, CLC BENE, EIT Health ELSI board member

15:00-16:30 **World Café** – **Structured Networking & Discussion Groups** on the following topics (tbc) based on the previous short talks. After a certain time, switching among discussion groups will be possible. Coffee, tea and refreshments will be served:

- o **Real World Evidence in High Resolution** – hosted by Bart Scheerder, University Hospital Groningen
- o **Artificial Intelligence in drug development leads to Precision Medicine** – hosted by Marco Schmidt, Biotx.ai
- o **Fusing Data Science and Simulation for Understanding Health Care Provision** – Hosted by Skip Olson, Novartis
- o **Digital Ecosystem** – hosted by Gaurav Dular, Siemens Healthineers
- o **Legal framework for processing data in the healthcare environment** – hosted by Christopher Peschel, Siemens Healthineers
- o **How IHE can help sharing medical data** – hosted by Eric Poiseau, INRIA
- o **EIT Health Focus Area – Value from data in clinical and subclinical settings** - hosted by Jorge Fernández García, EIT Health e.V.
- o **Leveraging Speech Analysis to Model Neurocognitive Disorders - Applications for Frontline Screening and Professional Diagnosis Support –** hosted by Johannes Tröger, German Research Center for Artificial Intelligence (DFKI), CLC Germany

16:30-17:00 **Report back** (max. 2 minutes per group)**, summary and take home messages**
All moderators & Prof. Dr. med. Jochen Klucken, University Hospital Erlangen

17:00 – 18:00 **Networking Drinks**
The event will be moderated by Prof. Dr. med. Jochen Klucken, University Hospital Erlangen