



# Healthcare of the Future

## Bridging the Information Gap

5 April 2019

Bern University of Applied Sciences

Quellgasse 21, 2501 Biel/Bienne, Switzerland

# The Most Exciting Swiss Medical Informatics Conference 2019

**Healthcare of the Future** is a new **Medical Informatics Conference** format.

We invite you to experience advanced interaction between caregivers, patients and healthcare institutions based on modern information technology.

Our goal is to improve and accelerate healthcare processes and to empower the patient to play an active and decisive role within his own care process.

## **We aim at**

- presenting the latest achievements in information technology in areas such as
  - eHealth
  - mobile health
  - personalised health
  - workflow-based health applications
- demonstrating the continuous information flow for entire medical treatment episodes including multiple inpatient and outpatient encounters
- illustrating the benefits of seamless patient care provided by eHealth
- discussing how these targets can be achieved

## **Our background**

- A two-year Swiss research programme
- Starting in 2016 with 25 stakeholders cooperating for an integrated cross-sectoral treatment pathway
- Major goals of the research:
  - avoid communication gaps and information loss among the different participants within the treatment process
  - active involvement of the empowered patient into the treatment process with the help of modern information technology and mobile computing

## *Keynotes*

### **Prof. Dr. Christoph U. Lehmann**

*Director, Clinical Informatics Education, Biomedical Informatics, Vanderbilt University Medical Center, Nashville, Tennessee, current president of the International Medical Informatics Association IMIA*  
**«Disneyfication of Health Care: Improving the Hospital Experience»**

### **Prof. Dr. Hans-Ulrich Prokosch**

*Chair of Medical Informatics, University of Erlangen, Co-chair of the Medical Informatics expert committee of the German Medical Informatics Association GMDS*  
**«Digital Patient Communication: Improving the Hospital-Patient Relationship»**

## Call for papers

*Take the opportunity to actively participate in this exciting conference!*

Submit your paper to [www.healthcareofthefuture.ch](http://www.healthcareofthefuture.ch) by the **31 December 2018**. You can either opt for the **scientific track** or the **young researchers' track**.

### Conference topics include

- digital medication processes in inpatient and outpatient settings
- active and assisted living
- new ways of communication between the patient and the healthcare providers
- complementary self-tracked healthcare data stored on the electronic health record
- disease management applications (e.g. to monitor diabetes)
- eHealth services

All papers will be peer reviewed. Accepted papers will be published open source in the **IOS Studies in Health Technology and Informatics series** and will be indexed in PubMed/Medline, Clarivate Analytics Conference Proceedings Citation Index or Book Citation Index (formerly Thomson Reuters / ISI Book Citation Index), DBLP Bibliography Server, Embase, EMCare, Google Books and Scopus.

### Scientific track

- full paper of 6 pages

### Young researchers' track

- for undergraduate active students and persons who graduated within the last two years
- paper of 4 pages
- chance to *obtain your first Medline listed publication*

### *Brönnimann's Awards*

Elisabeth Brönnimann is the protagonist of the Living Lab of the Institute for Medical Informatics of the Bern University of Applied Sciences. She is a fictitious person who shares the apartment integrated in the Living Lab with her husband Kurt.

The objective of the Living Lab is to create a laboratory environment which serves as a research and an educational centre. It recreates key components of services in healthcare such as a hospital with an operating room and an ICU, a GP's practice, physiotherapy, pharmacy, inter-linked/networked through health platforms, telemedicine services and healthcare services.

On the occasion of the first «Healthcare of the Future» conference in 2019 we award prizes for the best paper and presentation in the following categories:

**Brönnimann's Best Paper Award** and **Brönnimann's Young Researcher Award** respectively. The prize money for each award is CHF 1000.-

*Make your research known to a wider public!*

**Bern University of Applied Sciences**  
Institute for Medical Informatics (I4MI)  
Prof. Dr. habil. Thomas Bürkle  
Quellgasse 21  
CH-2501 Biel/Bienne

Telefon: +41 32 321 61 11

thomas.buerkle@bfh.ch  
<http://healthcareofthefuture.ch/>

