

Bern University of Applied Sciences
Institute for Medical Informatics (IMI)
Prof. Dr. habil. Thomas Bürkle
Quellgasse 21
CH-2502 Biel/Bienne

Telefon: +41 32 321 61 11

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



Healthcare of the Future

From vision to best practices!

20 May 2022
Bern University of Applied Sciences
Biel/Bienne, Switzerland

**Good news: The deadline has been extended to
30 January 2022!**

«Healthcare of the Future» 2022

The next edition of the «Healthcare of the Future» conference is coming up and we are looking forward to meeting in person again! The Bern University of Applied Sciences is organising a conference that show-cases the fast-paced progress of digitalisation in healthcare, which has also been impacted by the pandemic and has resulted in changes in the way we communicate. While the 2019 conference focused on interdisciplinary care pathways, the conference in 2022 will highlight the role of medical informatics in representing these processes digitally. We are eager to present and discuss new approaches that are reshaping diagnostic and treatment processes using digital tools and interoperable systems in healthcare. Which solutions prove to be effective and efficient?

Enjoy attractive keynotes

«Transforming the healthcare ecosystem towards better interoperability»

Prof. Dr. Sylvia Thun

Prof. Dr. Sylvia Thun from Niederrhein University of Applied Sciences is also a professor at Charité Berlin and leads the Core Facility Digital Medicine and Interoperability at the Berlin Institute of Health. She is an internationally renowned expert on digital communication in the healthcare sector.

«Data quality – What do we want, what do we need, what can we pay for?»

Prof. Dr. Rainer Röhrig

Prof. Dr. Rainer Röhrig is Director at Institute of Medical Informatics, University Hospital RWTH Aachen. His scientific focus is on decision and process support in (intensive) medicine and the support of medical research with clinical information systems (single source approach).

«Ethical implications of AI usage in healthcare»

PD. Dr. Tanja Krones

PD Dr. Tanja Krones is head physician of clinical ethics/executive secretary of the clinical ethics committee of the University hospital of Zurich at the Institute of Biomedical Ethics, University of Zurich.

We are meeting in picturesque Biel/Bienne and invite you to join us to learn about the latest developments to improve and accelerate the treatment process in healthcare.

Call for papers

Healthcare of the Future explores recent advances in information technologies in the areas eHealth and networking, mobile health, personalised health and workflow based health applications for in- and outpatients.

The overarching aim is to bridge or to eliminate current information gaps in outpatient care, inpatient care and each interface between those.

We encourage your paper submission via www.healthcareofthefuture.ch

Deadline is 30 January 2022. Authors of accepted submissions will receive one free ticket for this exciting conference!

Conference topics include

- Communication and information exchange in care settings
- Pandemics as a stress test for healthcare IT
- Active living and assisted living (AAL), hospital@home
- Use cases for the design of electronic health records
- Workflow based patient guidance in inpatient and outpatient settings
- Digital medication processes in inpatient and outpatient settings
- Disease management applications (e.g. diabetes)
- Digital health interventions
- Usability and Human Centered Design in healthcare

Full papers:

- Paper of 6 pages
- Will be published open access in the **IOS Studies in Health Technology and Informatics series**
- 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*

Young researchers:

- Students (Bachelor or Master) and persons who graduated within the last two years
- Paper of 4 pages
- Will be published open access in the **IOS Studies in Health Technology and Informatics series**
- Seize the opportunity for a first publication listed in *Medline/Pubmed* and get free admission to the conference!

All papers will be peer reviewed. Accepted papers will be published open access in the **IOS Studies in Health Technology and Informatics series**.

Take the opportunity to actively participate in this unique conference and to compete for Brönnimann's Award.

The elderly Ms Brönnimann with a complex medical history is the main character 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 demented 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, linked by health platforms, telemedicine services and active and assisted living.

On the occasion of the second «Healthcare of the Future» conference in 2022 we award prizes for the best paper and presentation in the following categories:

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