

1. Workshop: AI Applications and Use Cases in Healthcare

- 13:30-13:45 - 1st contact with AI: Welcome by Dr. Christof Bühler, 1st encounter with AI
Initial introduction round of all panel experts: 3-5' each
- 13:45-14:00 - 1st do-it-yourself: Happy experimenting with AI-tools
- 14:15-15:00 - Deep-dive into AI: Initial gentle AI-tutorial by CAB
Successive AI-presentations by LM, NP, ML, ... EK
- 15:00-15:15 - Fireplace Chat: Hot I-topics in medicine - interact with panel experts (moderated by CAB)
- 15:15-15:45 - Go practical: Engage yourself in groups w.r.t. specific AI-Topics (headed by panel experts) to identify
- Meaningful AI-based use cases in medicine: e.g. predictive diagnostics, telemedicine, MDR, Q-assurance
 - Concepts to integrate AI in medicine
 - Major roadblocks and risks
- 15:45-16:00 - Coffee Break
- 16:00-16:15 - 2nd do-it-yourself: Cont' happy experimenting with AI-tools
- 16:15-16:30 - Cont' go practical: Continue with brainstorming/exploring AI-topics by using, e.g. design thinking, on-line tools ...
- 16:30-17:00 - Story telling: Present key ideas, concepts and learnings of group work
- 17:00-17:15 - Lessons learned: Open discussion and interactive reflections as wrap-up.

Panel experts: Dr. Christof Bühler (CAB, Supercomputing Systems), Dr. Lars Maaløe (LM, Corti), Netanel Perez (NP, OrCam Technologies), Dr. Michelle Livne (ML, Charité Berlin), Dr. med. Philipp Steiger (PS, Hirslanden), ... , Prof. Dr. med. Emanuela Keller (EK, Universitätsspital Zürich)

2. Workshop: Patient Pathway Optimization

Part 1 Viewpoint of each role - Interviews

- 13:30-13:40 Dr. Lambert Montevecchi, Healthcare innovation must be patient -centric
- 13:40-13:55 Interview: Patient, Anna Boethius
- 13:55-14:10 Interview: Patient association Switzerland, Erika Ziltener
- 14:10-14:25 Interview: Medical doctor, Dr. Henry Perschak, Hirslanden
- 14:25-14:40 Interview: Hospital, Dr. Eyal Zimlichman, Sheba Medical Center
- 14:40-14:50 Interview: Martha Schiller, CEO, Proqualitas Health Consulting
- 15:00-15:20 Break

Part 2 Interactive Session

- 15:20- 16:30 The questions discussed will be drawn from a pre-established list of themes. Details will be announced.

Additional participants: Kantonsspital Baden, Health Innovation Hub

3. Workshop: Telemedicine

- 13:30-13:40 20 years review : Dr.med. Patricia Sigam, CEO digitalMedLab
- 13:40-15:00 Solutions presentations & demos:
- Patient monitoring with AtlaSense Biomed, Tal Or, CEO, AtlaSense
 - Consultation to go with eeDoctor, Pascal Fränkler, CEO, eeDoctor
 - Chronic Wound Management with +WoundDesk, Andreas Lorenz, CTO, digitalMedLab
 - tele-radiology: tbd
- 15:00-15:20 Break

- 15:20-16:00 Panel Discussion The questions discussed will be drawn from a pre-established list of themes. Details will be announced
- 16:00-16:30 Open discussion with the audience

4. Workshop: Clinical Data Science

- 13:30-13:40 Prof. Dr. Hirsch, ZhaW, Endless opportunities and some challenges in Clinical Data Science
- 13:40-14:00 Prof. Dr. Luca Gambardella, Managing Director, IDSIA, AI use cases in the development of new pharmaceuticals
- 14:00-14:20 Stephane Boyer, General Manager EMEA, Arterys, The World's First Online Medical Imaging Platform
- 14:20-14:50 Workshop 1

White boards with different topics: AI in Research, Medical Imaging, Pharmaceuticals, Open ideas. Discuss ideas with the experts and other attendees. Exchange concepts, get key action points or seek answers to difficult roadblocks.

- 14:50-15:00 Break. Free to continue with discussions during the break
- 15:00-15:20 Dr. Javier Ávila, Medical Advisor, Savanamed, Transforming the free text of your clinical records into Big Data
- 15:20-15:40 Luca Foschini, Cofounder and Chief Data Scientist, Evidation, Developing Digital Measures from Person-Generated Health Data
- 15:40-16:00 Andrea Ruposati, CEO, Dante Labs, Genomics data applications - current and future possibilities
- 16:00-16:20 Carla Leibowitz, Chief Business Development Officer, Paige.ai
- 16:20-16:50 Workshop 2

Whiteboards with different topics: Clinical language processing, Clinical Diagnostics, Digital Health, Pathology and AI, Open ideas. Discuss ideas with the experts and other attendees. Exchange concepts, get key action points or seek answers to difficult roadblocks.

- 16:50-17:00 Conclusions and highlights

5. Workshop: Healthcare Information Exchange

Part 1: Connected Care and Communications

- 13:30-13:45 Prof. Dr. Alfred Angerer, Opportunities and challenges in healthcare information exchange
- 13:45-14:00 Medisanté, Empowering Connected Care, Global Medical IoT Infrastructure
- 14:00-14:15 Luiza Dobre, Komed Health, Better Clinical Communications
- 14:15-14:40 Open discussion. Interactive Reflections
- 14:40-14:55 Dr. Quy Vo-Reinhard, HIT Foundation, Unlocking the value of health data through blockchain technology
- 14:55-15:10 Break

Part 2: IT Security and Cloud

- 15:10-15:30 Intro, Dr. Lukas Ruf – The latest security incidents with healthcare data and what went wrong
- 15:30-15:45 tbd, Security in Digital Health Environments
- 15:45-16:00 tbd, Cloud - Connecting Solutions for the Digital Health Ecosystem
- 16:00-16:25 Open discussion. interactive reflections