

Program 24 August 2022

Moderation:
Adrian Kohler, Farner AG

08.30-09.00	Registration opening
09.00-09.10	Opening & welcome Prof. D. Günther (ETHZ) & Prof. U. Frey (SPHN)
09.10-09.20	Overview of SPHN & PHRT present state Prof. U. Frey (SPHN) & Prof. B. Wollscheid (PHRT)
09.25-09.45	The vision of SERI on personalized health research in Switzerland Dr. G. Haefliger (SERI)
09:50-10.05	The future of personalized health: a pharma industry perspective Dr. G. Maass (Roche)
10.10-10.35	Bridging the gap between clinical research and data science Prof. J. Bielicki (UKBB) & Prof. J. Vogt (ETHZ)
10:35-11:10	Coffee Break
11.10-12.15	Panel discussion with Prof. U. Frey (SPHN), Prof. B. Wollscheid (PHRT), Dr. G. Haefliger (SERI), Prof. J. Mesot (ETHZ), Prof. M. Vetterli (EPFL), Dr. G. Maass (Roche), Dr. K. Cramer (SPHN DCC), Prof. A. Geissbühler (HUG)
12.15-13.30	Lunch
13.30-14.00	Poster session
14.00-14.30	Infrastructure services and PHRT platforms Dr. K. Cramer (SPHN DCC) & Prof. N. Zamboni (ETHZ)
14.35-15.15	Overview on the 4 National Data Streams IICU: Prof. A. Egli (USB) & Prof. K. Borgwardt (ETHZ) SPO-NDS: Prof. O. Michielin (CHUV) & Prof. B. Bodenmiller (ETHZ) SwissPedHealth: Prof. L. Schlapbach (University Children's Hospital Zurich) & Prof. J. Vogt (ETHZ) LUCID: Dr. Marie Méan (CHUV) & Dr. Guillaume Obozinski (EPFL)
15.25-16.00	Parallel break-out sessions on NDS opportunities - how to interface with the 4 NDS
16.00-16.30	Coffee Break
16.30-17.00	Reports from the breakout sessions and take-home messages
17.00-17.30	Roundtable: Gaps, bottlenecks and challenges for the future Prof. U. Frey (SPHN), Prof. B. Wollscheid (PHRT), Prof. M. Rudin (ETHZ), D. Haerry (Patient representative), NDS representatives
17.30-17.45	Poster highlights & poster award ceremony
17.45-18.00	Concluding remarks and outlook 2024+ Prof. U. Frey (SPHN), Prof. B. Wollscheid (PHRT)
18.00-19.00	Apéro riche

Editor: SPHN | ETH Zurich Coordination: PHRT | ETH Zürich Layout: Campus Services | ETH Zurich Print: Print & Publish | ETH Zurich Copies: 250

2nd Joint Personalized Health Day Switzerland

The future of data-driven medicine in Switzerland

Swiss
Personalized
Health
Network

Strategic Focus Area
**Personalized Health
and Related Technologies**

Posters

1. Clinical data management at the Swiss university hospitals

Petar Horki, *SIB Swiss Institute of Bioinformatics | Personalized Health Informatics Group*

2. BioMedIT: Switzerland's secure infrastructure for analysing biomedical data

Shubham Kapoor, *SIB Swiss Institute of Bioinformatics | Personalized Health Informatics Group*

3. A legal and ethical framework for a responsible sharing and use of health data in multi-center re-search projects

Julia Maurer, *SIB Swiss Institute of Bioinformatics | Personalized Health Informatics Group*

4. From clinical (routine) data to FAIR research data

Vasundra Touré, *SIB Swiss Institute of Bioinformatics | Personalized Health Informatics Group*

5. Swiss BioRef: A national infrastructure for generating personalized reference limits for diagnostic medicine

Tobias Blatter, *Inselspital*

6. From routine to research data: Automatic flow and preprocessing of routine data in the NCCR AntiResist project

Silvia Grieder, *University Hospital Basel*

7. Generation and evaluation of synthetic data in a university hospital setting

Bayrem Kaabachi, *Centre hospitalier universitaire vaudois (CHUV)*

8. Building an innovative, sustainable and expandable data provider architecture that generates additional value for biomedical research

Katie Kalt, *University Hospital Zurich*

9. Resolving diagnostic deadlocks in systemic autoinflammatory diseases

Aline Linder, *ETH Zurich*

10. Semi-automated method to map ICD-10 concepts to SNOMED CT by using a FHIR Terminology Server

Abdul Mateen, *Inselspital*

11. Automated clinical routine data extraction and integration for Data Safety Monitoring Board (DSMB) reports in a personalized phase I study

Pia Neuschwander, *University Hospital Basel*

12. What are the bottlenecks to data sharing in Switzerland?

Kelly Ormond, *ETH Zurich*

13. Privacy-Preserving Federated Biomedical Analytics

Apostolos Pyrgelis, *École polytechnique fédérale de Lausanne (EPFL)*

14. The Swiss Molecular Pathology Breakthrough Platform (SOCIBP) project

Desiree Schnidrig, *University of Bern*

15. Chronophenotyping atrial fibrillation using machine learning

Jonathan Sobel, *Technion/Rambam/University of Geneva*

16. Deep Medical Imaging Biobanks

Edwin ter Voert, *ETH Zurich*

17. Kaiko's Data and Compute Platform: An integralist approach to advancing personalized health research

Vlad-Cristian Crisan, *Kaiko*

18. The iARAT: A digital tool for harmonizing movement data collection across clinical centers and home environments

Chris Awai Easthope, *cereneo foundation - Center for Interdisciplinary Research (cefir)*

19. Swarm Learning

Roger Fontana, *Hewlett Packard Enterprise*

20. Common Data Model Healthcare (CDMH)

Roger Mathis, *IT-Logix AG*

21. Sharing without sharing: Revolutionizing secure data collaborations in healthcare

Juan Ramon, Troncoso Pastoriza, *Tune Insight SA*

Only poster presenters are listed here.
For all authors and full abstracts, please scan the QR-code.

