

## PROGRAMME

# Clinical Decision Support Systems Features, Future and Fostering Collaboration

8 February 2023, 9:00-16:45 CET, Kreuzstrasse 2, 4123 Allschwil, Switzerland

### 9:00 Check-in and coffee

#### Welcome and Keynote: Plenary (Room 4 + 5)

The stage will be set with a welcome to the Symposium, an introduction to Clinical Decision Support Systems (CDSS), and a keynote address from the World Health Organisation outlining their vision for SMART guidelines in supporting evidence-based healthcare and health systems strengthening.

- 09:30 Welcome and Introduction**, Kaspar Wyss, Head of Swiss Centre for International Health, Swiss TPH
- 09:40 **Introduction to Clinical Decision Support Systems**, Fenella Beynon, Digital Health Unit Head, Swiss TPH
- 09:55 **WHO Vision for SMART Guidelines for CDSS**, Carl Leitner, World Health Organisation (*remote*)
- 10:15 **Q&A**
- 10:30 Break**

#### Parallel Session 1A

#### CDSS in the Health Ecosystem: Community and Health System Perspectives (Plenary)

CDSS design and implementation considerations from community, end-user and health system perspectives from different stakeholders, including first-hand accounts and qualitative findings from the field will be explored.

- 11:00 Introduction: Building a Holistic, Participatory Process**, Salvador Camacho, Swiss TPH
- 11:05 **Community engagement for acceptance of CDSS**, Hassan Hussein Mohamed, International Committee of the Red Cross, Somalia
- 11:20 **Designing Content to Meet Clinical Needs in Complex Emergencies**, Alladiguimbai Montolnan, SysRef, Chad
- 11:35 **Provider and Caregiver Perspectives of CDSS for Sick Children**, Mariah Ngutu, University of Nairobi (*remote*)
- 11:50 **The Need for a Vision: Evidence and Feasibility Considerations**, Xavier Bosch-Capblanch, Swiss TPH
- 12:05 **Panel Discussion**
- 12:30 Lunch**

#### Parallel Session 1B

#### CDSS in the Health Ecosystem: Digital Ecosystem and Interoperability (Room 1)

CDSS within the digital health ecosystem, with a particular emphasis on interoperability will be focused on. We will learn about the critical need to coordinate digital health initiatives to avoid a multiplicity of non-communicating systems with practical examples on rethinking CDSS to meet these needs, and hear from experts on global standards and interoperability and the progress and challenges in implementing them for CDSS.

- 11:00 Introduction**, David Issom, University of Applied Sciences and Arts of Western Switzerland
- 11:05 **Digital Health Interoperability in Tanzania**, Sosthenes Bagumhe, ICT Directorate, Ministry of Health of Tanzania
- 11:20 **Moving towards Global Standards and Interoperability**, Jose Teixeira, PATH and Health Level Seven

- 11:35 **Realities of Putting Interoperability Standards into Practice**, Patrick Delcroix, Swiss TPH
- 11:50 **Rethinking CDSS within the Digital Ecosystem - Integration with Electronic Medical Records**, Alexandra Kulinkina, Swiss TPH
- 12:10 **Panel Discussion**
- 12:30 **Lunch**

## Session 2 | Leveraging Data from CDSS (Plenary)

Opportunities to leverage routinely collected CDSS data will be presented - from providing insights into quality of care and emerging epidemiological trends, to learning how to improve clinical decision support algorithms.

- 13:30 **Introduction**, Talia Salzmänn, Swiss TPH
- 13:35 **Using leDA Data for National Decision Making**, Iveth González, Terre des Hommes
- 13:50 **The CDSS data lifecycle: from set-up to innovation**, Ibrahim Mtebene, Ifakara Health Institute (*remote*), and Hélène Langet, Swiss TPH
- 14:10 **Understanding Healthcare Provider Acceptance of CDSS Recommendations**, Rainer Tan, Swiss TPH and Unisanté
- 14:25 **Learnings from MSFeCARE Data**, Lucie Gueuning and Joceylne Cumunel, Médecins sans Frontières (*remote*), and Annie Hartley, EPFL (*remote*)
- 14:45 **Opportunities and Challenges to Fill the Epidemiological Gap in Fragile Settings Using CDSS**, Nora Monnier, Swiss TPH
- 15:00 **Q&A**
- 15:15 **Break**

## Session 3 | Collaboration for Sustainability (Plenary)

CDSS key drivers of the unification of the CDSS community will present their experience and elaborate on collaboration to improve impact and sustainability. Health authorities will report on how scale has been reached through successful collaboration - from WHO collaboration for successful uptake of SMART guidelines, and from those working on building common standards and a community of practice across organisations working with CDSS.

- 15:40 **Introduction**, Martin Raab, Swiss TPH
- 15:45 **A Community of Practice for CDSS**, Caroline Perrin, Geneva Digital Health Hub
- 15:55 **Collaborations as a key to success**, Erica Layer, D-Tree International
- 16:05 **Target Product Profile for CDSS: Collaboration for Common Standards**, Karell Pellé (*remote*), FIND
- 16:15 **Scale and Sustainability**, Sulaiman Saidu Bashir, Adamawa State Primary Health Care Development Agency, Nigeria
- 16:25 **Panel Discussion**
- 16:40 **Closing Remarks**, Jürg Utzinger, Director, Swiss TPH
- 16:45 **Reception**