



Swiss bioinformatics summit
14 - 15 June 2022, Biel / Bienne

Conference agenda and information

DAY 1 – TUESDAY 14 JUNE

09:00 - 09:45 **Arrival & registration, coffee and croissants**

09:45 - 10:00 **Welcome address** - Kongresssaal

10:00 - 10:40 **Keynote lecture 1: Sex and gender differences as a biological variant: the work of the Women's Brain Project.**
Antonella Santuccioni Chadha (Session chairs: Franziska Singer & Santiago Carmona) - Kongresssaal

KONGRESSSAAL

Genes & genomes
Navigating the rapidly expanding space of Genes and Genomes
Session chairs: **Evgenia Kriventseva & Damian Szklarczyk**

10:50 - 11:50

VEREINSAAL

Structural Biology
Structural bioinformatics: innovative tools to address bio-macromolecular structure and dynamics
Session chairs: **Andrea Cavalli & Maria Marcaida Lopez**

WORKSHOP 1/2

Systems biology
Standards, analyses and trends in systems biology
Session chairs: **Enkelejda Miho & Daniele Tavernari**

WORKSHOP 5

Ad hoc session
How to present SIB and its missions
Speakers: **Maia Berman & Marie Dangles**

12:00 - 13:00 lunch

KONGRESSSAAL

Medicine and health
Immunology, health and disease
Session chairs: **Valérie Barbié & Giancarlo Croce**

13:00 - 14:00

VEREINSAAL

Evolution and phylogeny
Evolutionary modelling with trees and beyond
Session chairs: **Richard Neher & Ana Morales-Arce**

WORKSHOP 1/2

Ecology, environment & agriculture
Ecosystems bioinformatics in ecology and agriculture
Session chairs: **Natasha Glover & Guillem Salazar**

14:10 - 15:00 **Panel discussion - Who is afraid of data sharing?**
Panelists: Aitana Neves, Antonella Santuccioni Chadha, Frederic Erard, Johannes Rainer, Julia Maurer, Mark Ibberson
Session chairs: Katrin Cramer, Franziska Singer, Patricia Palagi - Kongresssaal

15:00 - 16:15 **Poster session 1 and coffee** (Foyer & 1st floor)

Social evening programme (Römerhof Bühl)

16:15 - 17:00 Hotel check-in and transport to social activity

17:00 - 18:00 Transfer to social activity

18:15 - 18:45 Welcome drink & speech, introduction to social activities

19:00 - 21:00 Dinner and social activities

21:00 - 01:00 Disco party

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DAY 2 – WEDNESDAY 15 JUNE

09:00 - 09:15	Draw prize (Foyer)
09:15 - 12:00	Workshops & Tutorials - see below
12:00 - 13:00	lunch (Foyer)
13:00 - 13:40	Keynote lecture 2: The Power of Open Software Development in Metabolomics Research. Johannes Rainer (Session chairs: Etthel Windels & Robert Waterhouse) - Kongresssaal
13:50 - 14:50	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; background-color: #00a0e3; color: white; width: 30%;"> <p style="text-align: center; font-weight: bold; margin: 0;">KONGRESSSAAL</p> <p style="text-align: center; font-weight: bold; margin: 5px 0 0 0;">New methods in bioinformatics</p> <p style="text-align: center; font-weight: bold; margin: 0 0 0 0;"><i>Mathematical and computational approaches to solve biological problems</i></p> <p style="text-align: center; font-weight: bold; margin: 0 0 0 0;">Session chairs: Patrick Ruch & Sarah Brüningk</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; background-color: #00a0e3; color: white; width: 30%;"> <p style="text-align: center; font-weight: bold; margin: 0;">VEREINSAAL</p> <p style="text-align: center; font-weight: bold; margin: 5px 0 0 0;">Proteins and proteomes</p> <p style="text-align: center; font-weight: bold; margin: 0 0 0 0;"><i>From data to knowledge</i></p> <p style="text-align: center; font-weight: bold; margin: 0 0 0 0;">Session chairs: Bernd Wollscheid & Fanny Krebs</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; background-color: #f4a460; color: black; width: 30%;"> <p style="text-align: center; font-weight: bold; margin: 0;">WORKSHOP 1/2</p> <p style="text-align: center; font-weight: bold; margin: 5px 0 0 0;">Ad hoc session</p> <p style="text-align: center; font-weight: bold; margin: 0 0 0 0;"><i>Project management basics – Sharing internal best practices</i></p> <p style="text-align: center; font-weight: bold; margin: 0 0 0 0;">Speakers: Séverine Duvaud, Maia Bermann</p> </div> </div>
14:50 - 16:00	Poster session 2 and Beer & Bretzels (Foyer & 1st Floor)
16:00 - 16:15	Poster prizes & closing remarks - Kongresssaal
16:30 - 16:45	Bus depart in front of the congress centre

How to get to the activity?

A shuttle will pick you up directly in front of your hotel (except people sleeping at the Lago Lodge who will meet in front of the City hotel).

Pick-up time

Artist hotel	18:00
Cityhotel	17:00
Elite	17:00
Florida hotel in Studen	18:00
Hotel Dufour	18:00
Hotel Schlössli in Ipsach	18:00
Lago Lodge	17:00*
Mercure Plaza	18:00
* at the City hotel	

How to get back to your hotel?

For the return trip, shuttles at fixed times will serve all hotels:

- For all hotels (except Florida): 21:30, 22:00, 22:15, 22:30, 23:00, 23:15, 23:30, 00:00, 00:15, 01:00, 01:15, 01:30.
- For Florida hotel: 21:30, 22:30, 23:30, 00:30, 01:30

Win a mini beamer!

How? Simply put your name in the dedicated box at SIB booth from 08:00 to 9:15 am on Wednesday. The winner will be announced later that day during the closing remarks. Please note that to be eligible to the prize, the winner must be present on site to collect it.

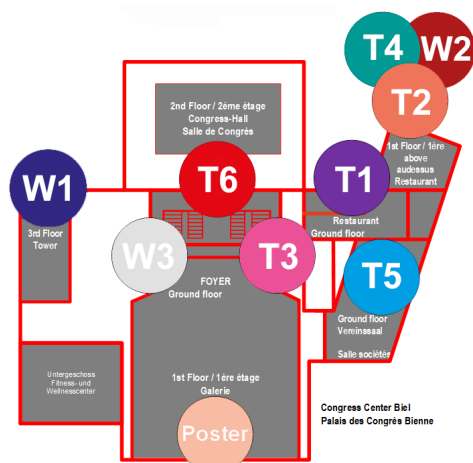
On-site WIFI

Username: 2985135377
Password: 0281

A question? An issue?
Reach us during the event on
+41 76 748 69 12.

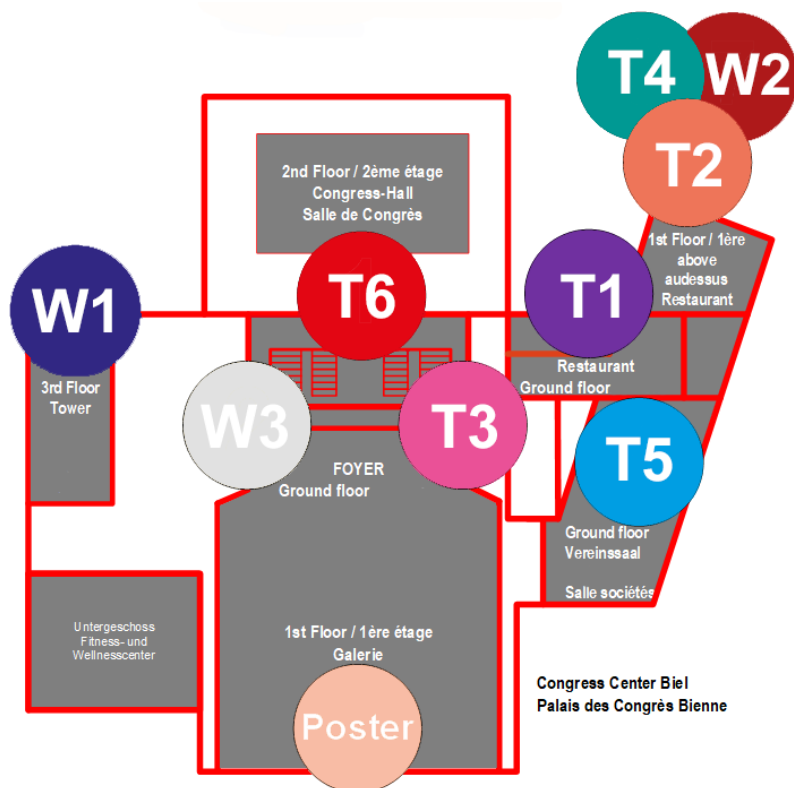
Workshops & tutorials

- T1. Good practice in design of high-throughput experiments
- T2. Inferring gene regulatory networks from high-throughput epigenomic data
- T3. Introduction to Snakemake for reproducible analyses
- T4. Latest methods and tools for protein structure prediction
- T5. Simplifying large and complex single-cell RNA-Seq data with SuperCell
- T6. Your science made easy and fun
- W1. "In all fairness": sex and gender biases in data science and AI, and how to address them
- W2. Making epigenomics data FAIR
- W3. Rapid genomic surveillance of new outbreaks



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