



Workshop on Genomics 2025

Český Krumlov

Objectives

- frequently asked questions (FAQs) ?
- introductions 🙌
- workshop background 🏰
- logistics 🧐
- expectations 🙏
- other items 🥑

Frequently Asked Questions

the website is our " ~ " (home) for all things workshop related:

<https://evomics.org/2025-workshop-on-genomics/>

2025 WORKSHOP ON GENOMICS, CESKY KRUMLOV



The 2025 Workshop on Genomics is being held **5-18th of January, 2025** in [**Český Krumlov**](#), Czechia. This is the 14th time the Workshop on Genomics will be held in Czechia.

Frequently Asked Questions

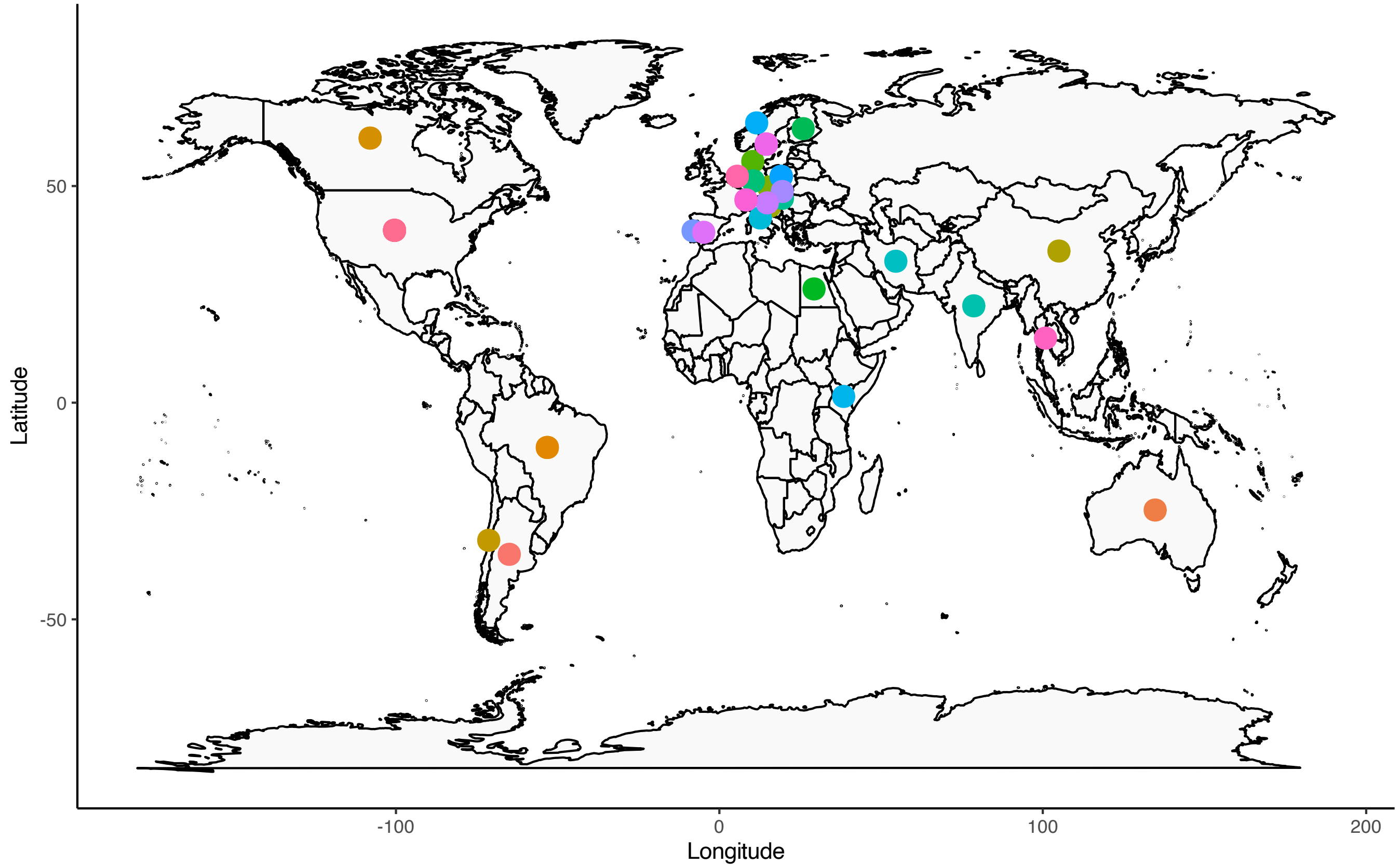
- where are the toilets?
- coffee / tea?
 - in lectures: around half-way (functional caffeine only!)
 - in labs: always available in backroom, faculty will commonly incorporate breaks
- when do we eat?
 - 12h - 14h (lunch)
 - 17h - 19h (dinner)
- where do we eat?
 - map on website and more info from Daniel Kintzl (shortly)
 - ask us!
 - go to the supermarket for cheaper options :)
 - late-night options for eating are limited

Who?

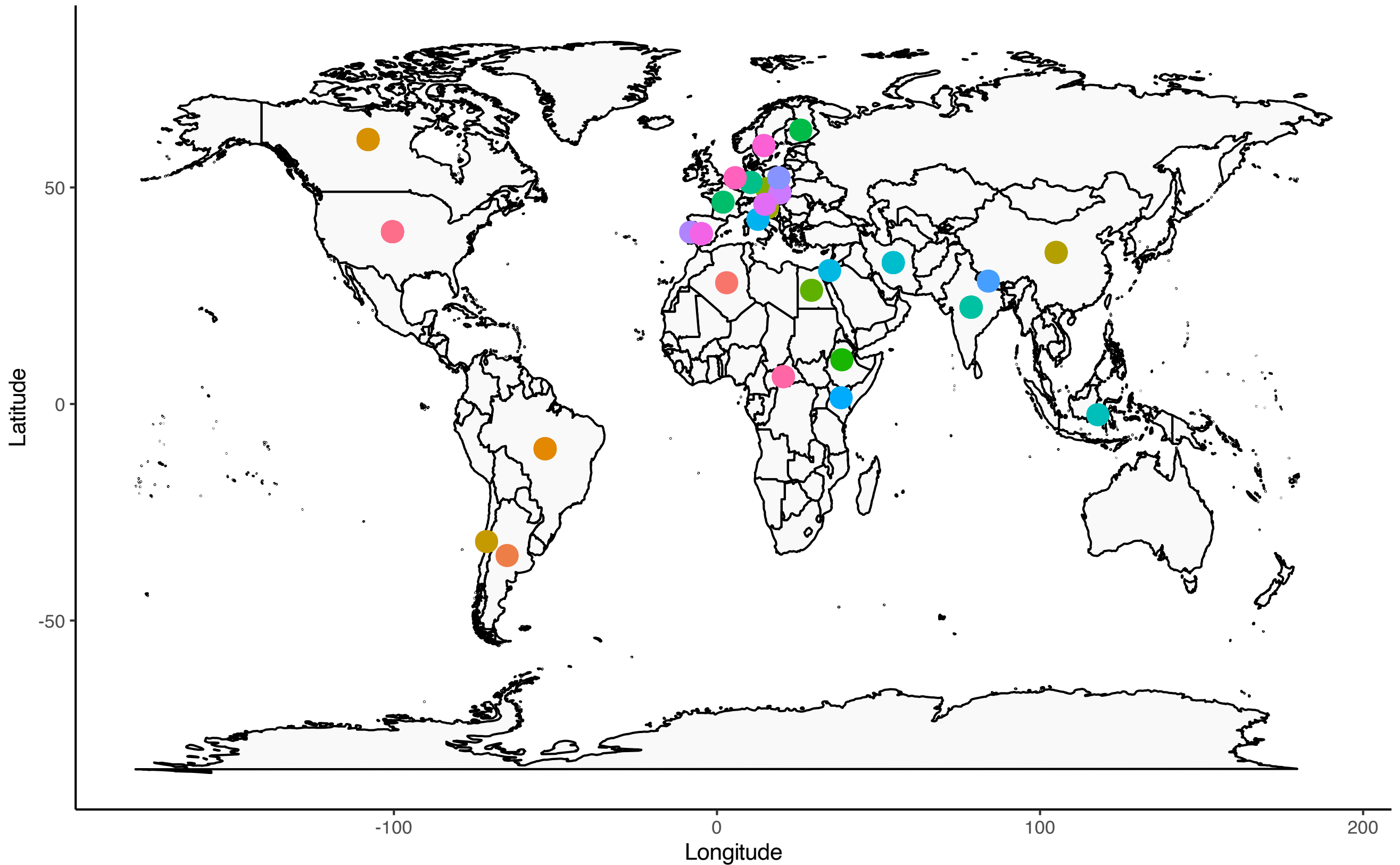


You first!

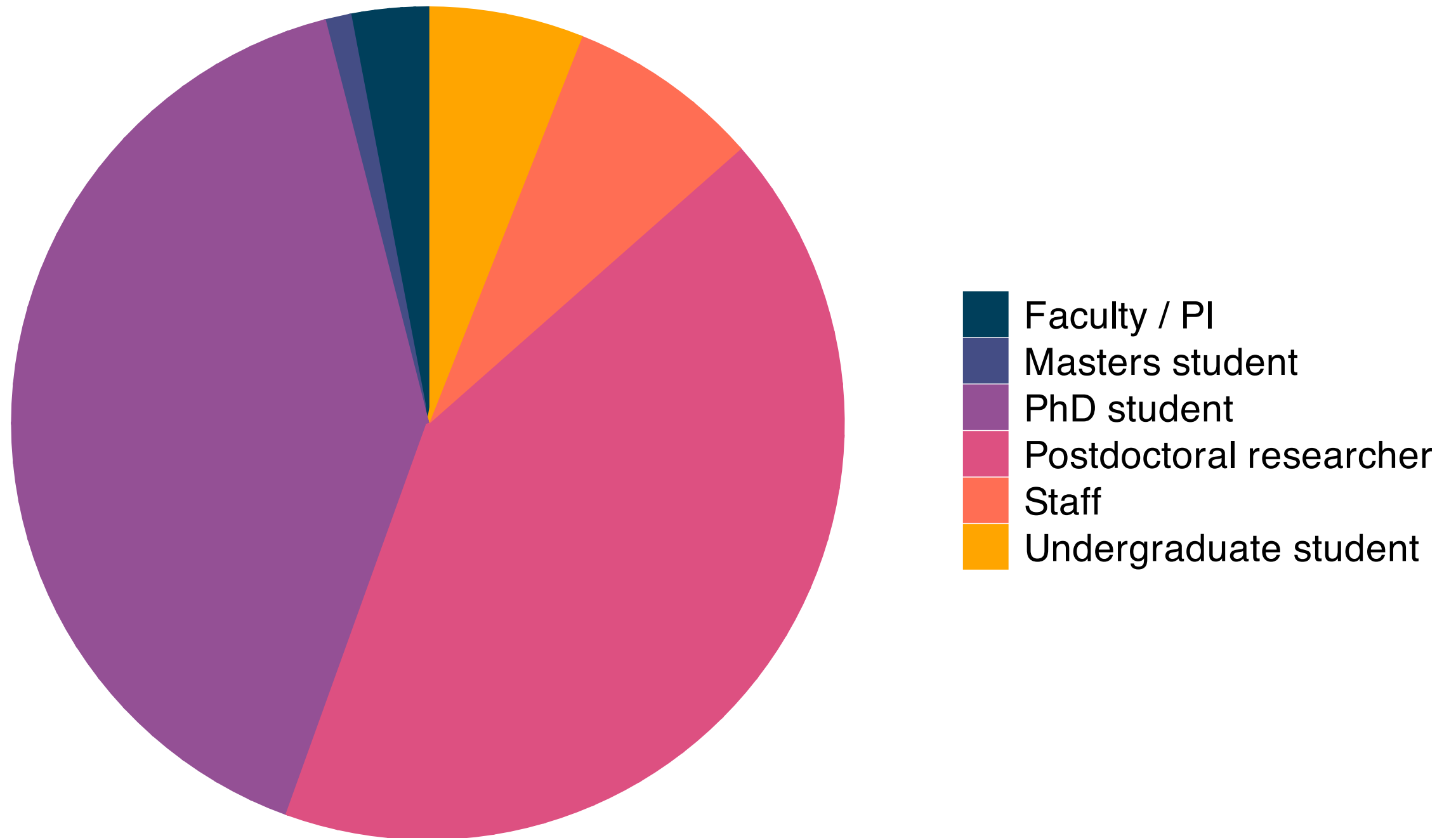
Where you're from (Institution)



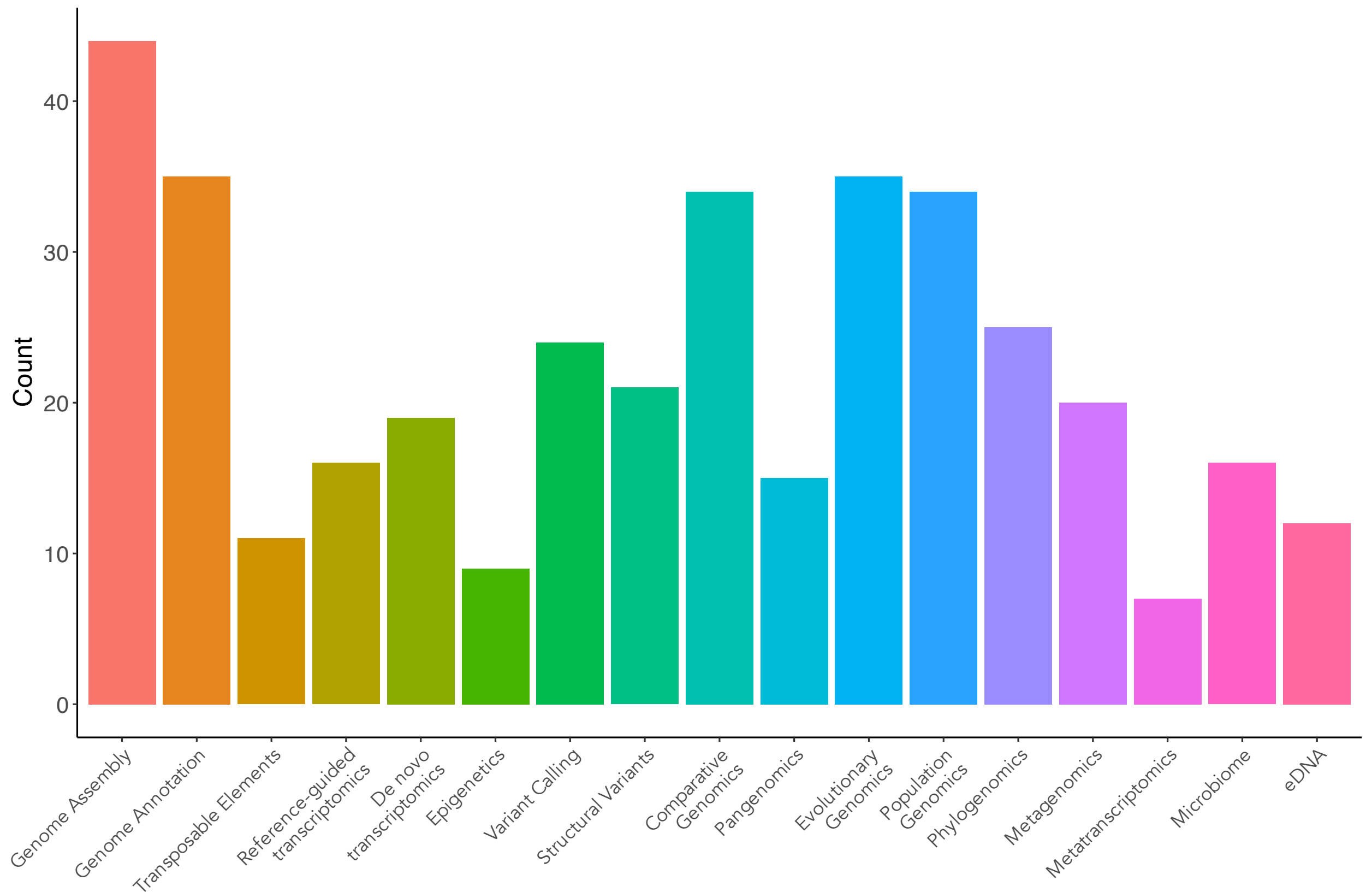
Where you're from (Country)



Career stage



Topics of interest



Us



Instructors / Teaching Assistants (TAs):

The most important people and your new best friends!



Flavia



José (or Zé)



Kartik



Luis



Madee



Marcela



Organisation Team

Josie



Director

Miloš



Content Support and
Local Operations

Rayan



Course Engineer

Joan



Faculty Liaison

Guy



Lead Developer

Mercè



Equality, Diversity,
and Outreach

Daniel



Český Krumlov
Coordinator

Scott



Evomics
Director

Previous Co-Directors



Dag Ahren



Karin Rengefors



Konrad Paszkiewicz



Naiara Rodriguez Ezpeleta



Sonya Dyhrman



Sophie Shaw

Scientific Advisory Board



Bill Cresko



Sonya Dyhrman



Rosa Fernández



Sophie Shaw



Alexander Suh



Emiliano Trucchi



Chris Wheat

Faculty: Week 1

<https://evomics.org/people/faculty/workshop-on-genomics-faculty/>



Mike Zody



Guy Leonard



Mercè Montoliu Nerin



Rayan Chikhi



Katharina Hoff



Camille Marchet



Antoine Limasset



Fritz Sedlazeck



Erik Garrison



Olga Vinnere
Pettersson



Chris Wheat

Faculty: Week 2

<https://evomics.org/people/faculty/workshop-on-genomics-faculty/>



Evan Eichler



Erik Garrison



Vincenza Colonna



Brian Haas



Rachel Steward



Guy Leonard



Sonya Dyhrman



Francesco Cicconardi



David Barnett



Marcela Uliano-Silva



Valentina Peona



Dag Ahrén



Rayan Chikhi

Arrival & Departure Dates

FACULTY AND GENOMICS

- Click [here](#) to see our Faculty arrival and departure dates

[illegible]

Faculty Lunches: a fantastic opportunity to chat with your favourite faculty and ask questions!

- Faculty Lunches: [sign-up](#) sheet

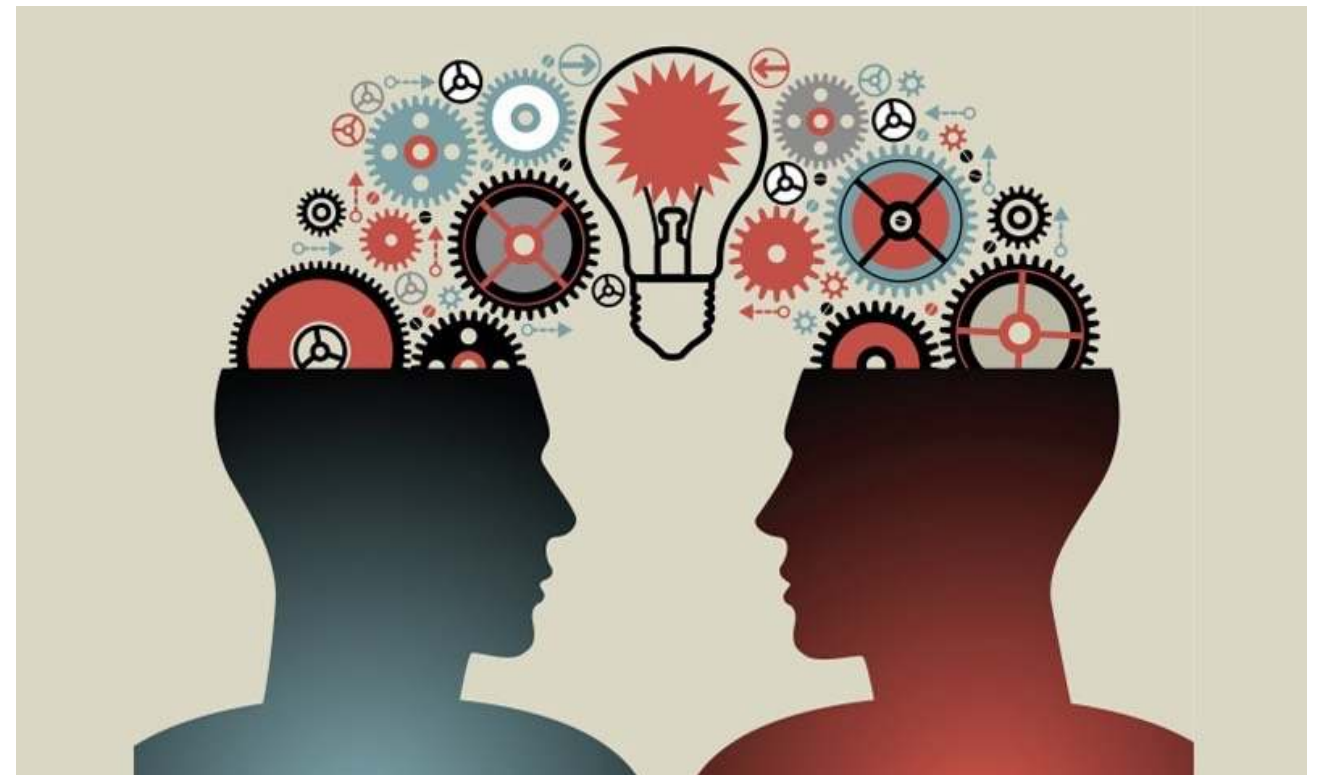
Faculty Member	Mike Zody	Rayan Chikhi	Katharina Hoff	Camille Marchet, Antoine Limasset	Fritz Sedlazeck	Olga Vinnere Pettersson	Chris Wheat	Evan Eichler	Vincenza Colonna	Erik Garrison	Brian Haas	Rachel Steward	Sonya Dyhrman	Francesco Cicconardi	David Barnett	Marcela Uliano-Silva	Valentina Peona	Dag Ahrén
Topic	Sequencing Technologies & File types	Alignment	Genome annotation	Genome assembly	Structural variants	Experimental Design	Lies, Damn Lies, and Genomics	Genome structural variation	Population genomics	Variant calling & Pangenomics	Transcriptomics and Single-cell Transcriptomics	Analysis of RNASeq Data	Genomics in the Ocean	Comparative Genomics	Microbiome analysis	Genome assembly	Transposable Elements	Best Practices in Handling Genomic Data
Instructor	Flávia, Madee	Josie, Kartik	Miloš, Luis	José, Luis	Madee, Kartik	Mercè, Kartik	José, Marcela	Joan, Luis	Marcela, Flávia	Kartik, Joan	José, Marcela	Kartik, Marcela	Madee	Flávia	Luis	Marcela, Flávia	Madee	
Date	7th	8th	9th	9th	9th	10th	11th	13th	13th	13th	14th	15th	15th	15th	16th	16th	16th	17th
Location	Don Julius	Liberta	Liberta	Liberta	Don Julius	Liberta	Liberta	Don Julius	Liberta	Liberta	Liberta	Liberta	Liberta	Don Julius	Liberta	Don Julius	Liberta	Don Julius
Lunch/Dinner	Dinner	Lunch	Lunch	Dinner	Dinner	Dinner	Lunch	Lunch	Lunch	Dinner	Dinner	Lunch	Dinner	Dinner	Lunch	Lunch	Dinner	Lunch
Participant 1																		
Participant 2																		
Participant 3																		
Participant 4																		
Participant 5																		
Participant 6																		
Participant 7																		
Participant 8																		
Participant 9																		
Participant 10																		
Reserve																		

Note that some faculty are only around for a short period of time!

If your Faculty Lunch is at Liberta, you will need to bring cash!

Feedback

- we really love feedback 💕
- during the workshop: message [evomics.workshops](https://evomics.org/workshops) on slack or email us ✉️
- early workshop feedback form: tomorrow
- week 1 feedback: before Genomics Adventure
- week 2 feedback: before Round Table Discussions



A brief history of the workshop



WELCOME
to
WOODS HOLE

*A world center for marine,
biomedical, and environmental
scientific exploration*



THE UNIVERSITY OF CHICAGO
**MARINE BIOLOGICAL
LABORATORY**

Workshop on Molecular Evolution

<https://molevolworkshop.github.io/>



U.S.
COM



Population and Speciation Genomics

Workshop on
Workshop on
Molecular
Evolution
Genomics
(Cesky Krumlov)

2008 2009 2011 2014 2016

Workshop on Phylogenomics (Cesky Krumlov)

Me!
(Student)

Walter Salzburger
(Student)

Scott Handley
(Instructor)

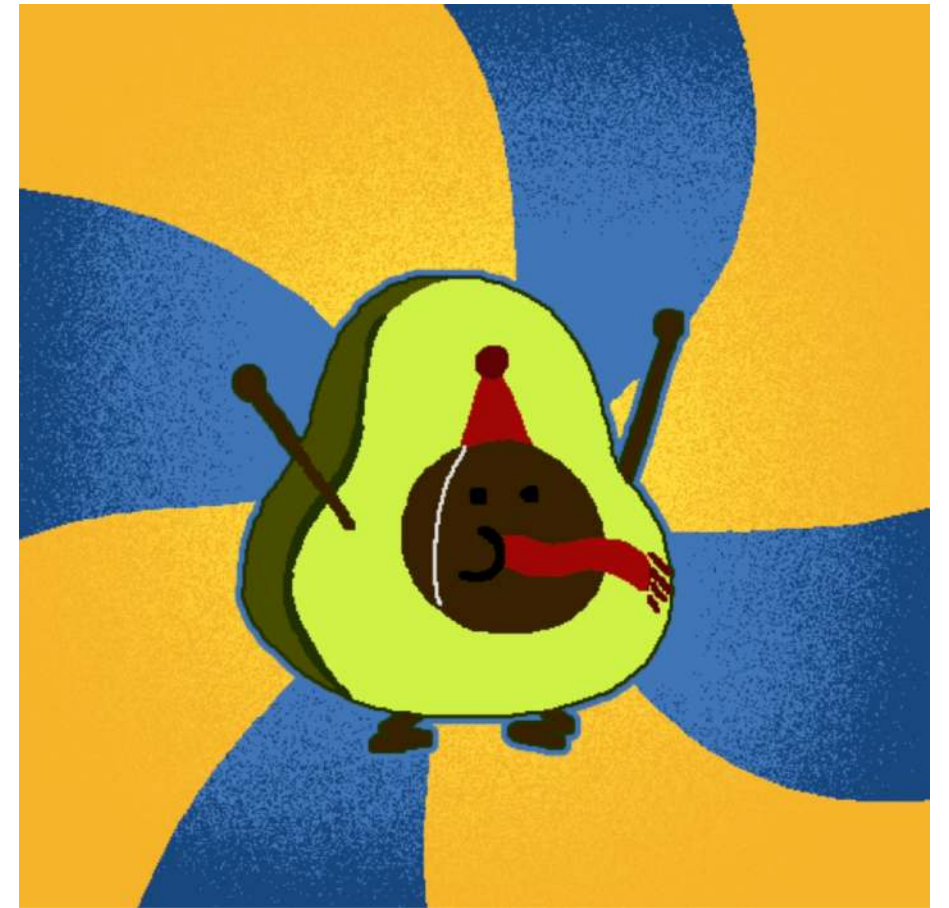
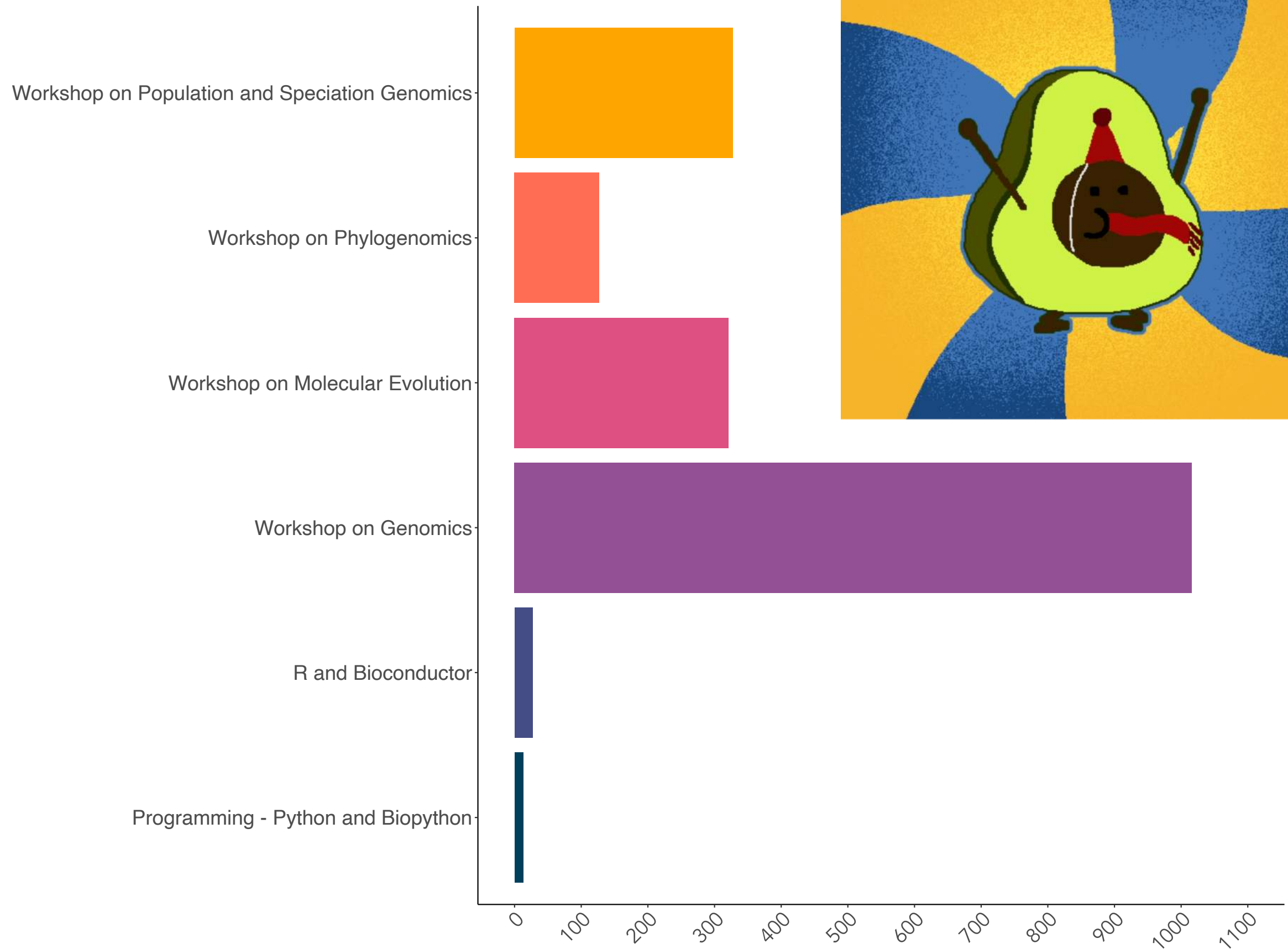
Michael Cummings (Director)

Mitch Sogin
(Director)

2000 2001 2002

Founded in 1988

Numbers over the years



What is a Chisky Chroomlove?





Why Český Krumlov?

- reasonably priced 
- close to major travel hubs 
- lots of places to eat and hang out 
- amazing spaces for teaching 
- three "I"s: Isolated, Idyllic, Infrastructure 
- huge support from the local community 

Detailed Schedule

<https://evomics.org/2025-workshop-on-genomics/>

2025 WORKSHOP ON GENOMICS, CESKY KRUMLOV



The 2025 Workshop on Genomics is being held **5-18th of January, 2025** in [Český Krumlov](#), Czechia. This is the 14th time the Workshop on Genomics will be held in Czechia.

Week 1

DATE	DAY	TIME	PRESENTER	TOPIC	LOCATION
5th Jan	Sunday	18 – 22	Everyone	Reception Dinner	Hotel Zlaty Andel
6th Jan	Monday	09 – 12	Josie Paris	Introduction and Orientation	Town Theatre
			Daniel Kintzl	Town Services	
	Monday	14 – 17	Mike Zody	Sequencing Technologies	Town Theatre
	Monday	19.30 – 22	Everyone	Dreams, Fantasy Dreams, and Genomics	Krumlov Mill (map)
7th Jan	Tuesday	09 – 12	Guy Leonard	AMIs, the Cloud, and Computing	House of Prelate
			Mercè Montoliu Nerín	Introduction to UNIX	
	Tuesday	14 – 17	Mike Zody	Essential File Types in Bioinformatics	House of Prelate
	Tuesday	19 – 22	Mercè Montoliu Nerín	Introduction to UNIX	House of Prelate
8th Jan	Wednesday	09 – 12	Rayan Chikhi	Alignment	Town Theatre
	Wednesday	14 – 17	Katharina Hoff	Genome Annotation: Theory and Principles	Town Theatre
	Wednesday	19 – 22	Katharina Hoff	Genome Annotation practical	House of Prelate
9th Jan	Thursday	09 – 12	Camille Marchet & Antoine Limasset	Genome Assembly: Theory and Principles	Town Theatre
	Thursday	14 – 17	Camille Marchet & Antoine Limasset	Genome Assembly practical	House of Prelate
	Thursday	19 – 22	Fritz Sedlazeck	Structural Variant Calling	House of Prelate
10th Jan	Friday	09 – 12	Olga Vinnere Pettersson	Experimental Design in Genomics	Town Theatre
	Friday	14 – 17	Erik Garrison	Variant Calling	House of Prelate
	Friday	19 – 22	Workshop Team	Introduction to R	House of Prelate
11th Jan	Saturday	09 – 12	Chris Wheat	Lies, Damn Lies, and Genomics	Town Theatre
	Saturday	14 – 17	Guy Leonard	Genomics Adventure	House of Prelate
	Saturday	19 – late!	Everyone	Town Tour @ 19.00	Town Square
				Mid-Workshop dinner @ 20.00	Krumlov Mill (map)
12th Jan	Sunday	All Day	Everyone	Free Day	Up to you!

Week 2

DATE	DAY	TIME	WHO	TOPIC	LOCATION
13th Jan	Monday	09 – 12	Evan Eichler	Genome Structural Variation	Town Theatre
	Monday	14 – 17	Erik Garrison	Pangenomics	House of Prelate
	Monday	19 – 22	Vincenza Colonna	Population Genomics	House of Prelate
14th Jan	Tuesday	09 – 12	Brian Haas	Transcriptomics	Town Theatre
	Tuesday	14 – 17	Rachel Steward	RNAseq and Gene Expression	House of Prelate
	Tuesday	19 – 22	Guy Leonard	Genomics Adventure	House of Prelate
15th Jan	Wednesday	09 – 12	Sonya Dyhrman	Genomics in the Ocean	Town Theatre
	Wednesday	14 – 17	Francesco Cicconardi	Comparative Genomics	House of Prelate
	Wednesday	19 – 22	David Barnett	Microbiome / eDNA Analysis	House of Prelate
16th Jan	Thursday	09 – 12	Marcela Uliano-Silva	Wonders of Genome Assembly!	Town Theatre
	Thursday	14 – 17	Valentina Peona	Transposable Elements	House of Prelate
	Thursday	19 – 22	Dag Ahrén	Best Practices in Handling Genomic Data	House of Prelate
17th Jan	Friday	09 – 12	Rayan Chikhi	BIG DATA	Town Theatre
	Friday	14 – 17	Everyone	Round Table Discussions, T-shirts, and certificates	House of Prelate
	Friday	19:30 – 22	Everyone	End of Workshop Party	You decide!
18th Jan	Saturday	All Day	Everyone	Departure	

Social Events

- Monday 5th (tonight!)

Dreams, Fantasy Dreams, and Genomics

Location: Krumlov Mill @19.30

- Saturday 11th

Town tour (@18:00 - meet in the Town Square)

After tour, mid-workshop dinner (Krumlov Mill @19.00)

- Sunday 12th

Free day! (more info from Daniel shortly)

- Friday 17th ...

End of Workshop party - you plan this! (ask us for advice)



Communication during the workshop

- Daily announcements from us
- website: evomics.org/2025-workshop-on-genomics/
- Slack group
- Bluesky: @evomics.bsky.social #evomics2025
- X: @evomics #evomics2025
- LinkedIn: [Evomics workshops](#)



Key locations

- **Map** of the main locations in the schedule

Workshop on Genomics 2024
By Merce Montoliu · 10 places

[+ Save](#) [Share](#)

- Don Julius Restaurant**
4.0 ★ (376) Restaurant
- Info Czech Krumlov**
4.5 ★ (356) Tourist information center
- Krumlovský mlýn**
4.0 ★ (1,506) Hotel
- Egon Schiele Art Centrum**
4.4 ★ (640) Art center
- Prelatura**
4.7 ★ (16) Museum

Map Labels: Domek kata Mateje, DELI99, V Jámě, U Poráků, Villa Agnese, Via Ferrata Havranka, Na Skalce, Obřadní, [P] Parkoviště P2, Bellevue Hotel Český Krumlov, Klášterní museum / Monastery museum, Storied monastery with exhibits & events, Půjčovna lodí, raftů, kol a koloběžek..., Minoritský klášter, Latrán houses, Švejk, Papa's Living, Lazebnický most, Pivovarská zahrada, Hotel Mlýn, 4.2 ★ 4-star hotel, Pizzeria Liberta, Municipal Theater Český Krumlov, Vyhlídka, Bus Station (flibxus and other), Autobusové nádraží Český Krumlov, MUDr. Hana Klosse, Restaurace Vrátní, Lékárna ne Český Krumlov, Česká spořitelna, as - pobočka, Kaplická, Objezdová, Masná, Horní, Látrán, Vltava, 157, 160, Google, 1st. Republic Villa.

Expectations

General well-being

- exhaustion
 - keep an eye on your health!
 - sleep / rest / eat well
 - stay hydrated
 - let us know if you're not feeling well (José & Marcela)
 - don't come to lectures / labs if you're sick!
 - wear a mask if you want



Frustrations

- you will not always complete every exercise!
- there may be some bugs hanging around
- connectivity issues
- you won't become an expert in two weeks!



Approach & Attitude

- patience is a virtue! 🌸
- sleep! 😴
- ask questions ?
- everything is available on the website after the course 🖥️
- have fun! 🎉
- make new friends, collaborators, connections 🐱🐱
- help your neighbour! 🙏

Code of conduct

EVOMICS WORKSHOPS CODE OF CONDUCT

All attendees, instructors and faculty at our workshops are required to agree with the Evomics Workshops code of conduct. Organisers will enforce this code throughout the event. We expect cooperation from all participants to help ensure a safe environment for everybody. Those found to be in violation of this code of conduct will be subject to expulsion from all Workshop activities at the request of the workshop organisers.

Our Code of Conduct

Our workshops are dedicated to providing a supportive and harassment-free environment for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability, physical appearance, body size, race, ethnicity, religion (or lack thereof), or technology choices. We do not tolerate harassment of conference participants, instructors or faculty in any form.

Harassment includes offensive verbal comments, sexual images in public spaces, deliberate intimidation, stalking, following, harassing photography or recording, sustained disruption of talks or other events, inappropriate physical contact, deliberate behaviour to exclude, intimidate, or cause discomfort, and unwelcome sexual attention. This applies to any workshop venue, including talks, workshops, social events, parties, slack, Facebook, Twitter and other online media, and any other non-official events or activities taking place over the duration of the workshop.

If anyone engages in harassing behaviour, the organisers may take any action they deem appropriate, ranging from warning the offender or expulsion from the workshop without a refund. This includes the storage of personal information pertinent to the incident.

If you are being harassed, notice that someone else is being harassed, or have any other related concerns, please contact a member of the organising team immediately.



Mercè



Joan

House of Prelate (computer lab)

Where we will spend a lot of our time!



House of Prelate (computer lab)

- One of the oldest buildings in Krumlov (second half of 14th Century)
 - Has at several times been a brewery (1596 - 1865)
- Fully wired and wireless internet available
- Power for charging laptops



House of Prelate (computer lab)

RULES:

- No food or drink allowed inside
- Wipe feet before entering
- Coats in the coatroom
- Do not touch the walls! (the painter died in 1791)
- Strict arrival / departure times
- Wash your own mugs (we will have time to personalise them)

Other Stuff

Today we will show you the main workshop locations and take the group photo!



Please wear your name badge

- it's nice to know each other's names!
- partner restaurants will only give you discount if you have your badge!
- we have pens available for decorating them - be creative :)



Post-lab discussions

- we have a specified bar booked for every evening
- great opportunity to meet with faculty in an informal environment
- non-alcoholic drinks are also available
- bars are also indicated in the workshop map



T-shirt competition

- submit a T-shirt design for Workshop on Genomics fame and glory!
- winner will also receive a special gift from the town
- deadline: Friday 10th @14h



BINGO #evomics2025

Workshop on Genomics 2025 BINGO! #evomics2025				
See someone asleep in lecture	Contribute to the t-shirt competition	Join a faculty lunch	Personalize your name badge	Tell Kartik your favorite football player
Internet down during an exercise	Command failed because of wrong directory	Dance in music bar	Learn 5 Czech words	Try trdlenik
Eat a czech dish	Do some physical exercise	Attend the welcome reception	Share a drink with a TA	Help your neighbour with an exercise
Post with the #evomics2025	See the bears	Take a selfie on the castle walls	Ask Flavia a penguin fact	Take a picture with Rouge
Join the workshop dinner 11th Jan	Find a vegan meal	Ask Madee to see a picture of her cats	Ask a question in a lecture	Request a song on the jukebox

Genomics Glossary

- [Genomics Glossary](#) - terms commonly used when we talk about genomics science
 - we have put together a list of the most common genomics terms
 - add to this Google sheet any terms you hear and are unsure of what they mean
 - you can either google the definition and add it yourself or a member of the team will add it for you

Dreams, Fantasy Dreams, and Genomics

Tonight: 19.30 - 22.00 at the Krumlov Mill

- helps us get to know each other!
- find friends / collaborators
- identify shared interests
- some fun activities planned :)



Welcome! We are so excited to have you here!



Now ...

Daniel Kintzl with more information from the town

