



Workshop on Genomics 2023

Český Krumlov, Spring 2023

Objectives

- Frequently Asked Questions
- Introductions
- Workshop Background and History
- Logistics
- Expectations
- Other stuff

Frequently Asked Questions

The website is our " ~ " (home) for all things workshop related:
evomics.org/2023-workshop-on-genomics-cesky-krumlov/

EVOLUTION AND GENOMICS

Intensive and immersive training opportunities

WORKSHOPS

LEARNING

PEOPLE

APPLY

INFORMATION

2023 WORKSHOP ON GENOMICS, CESKY KRUMLOV



Frequently Asked Questions

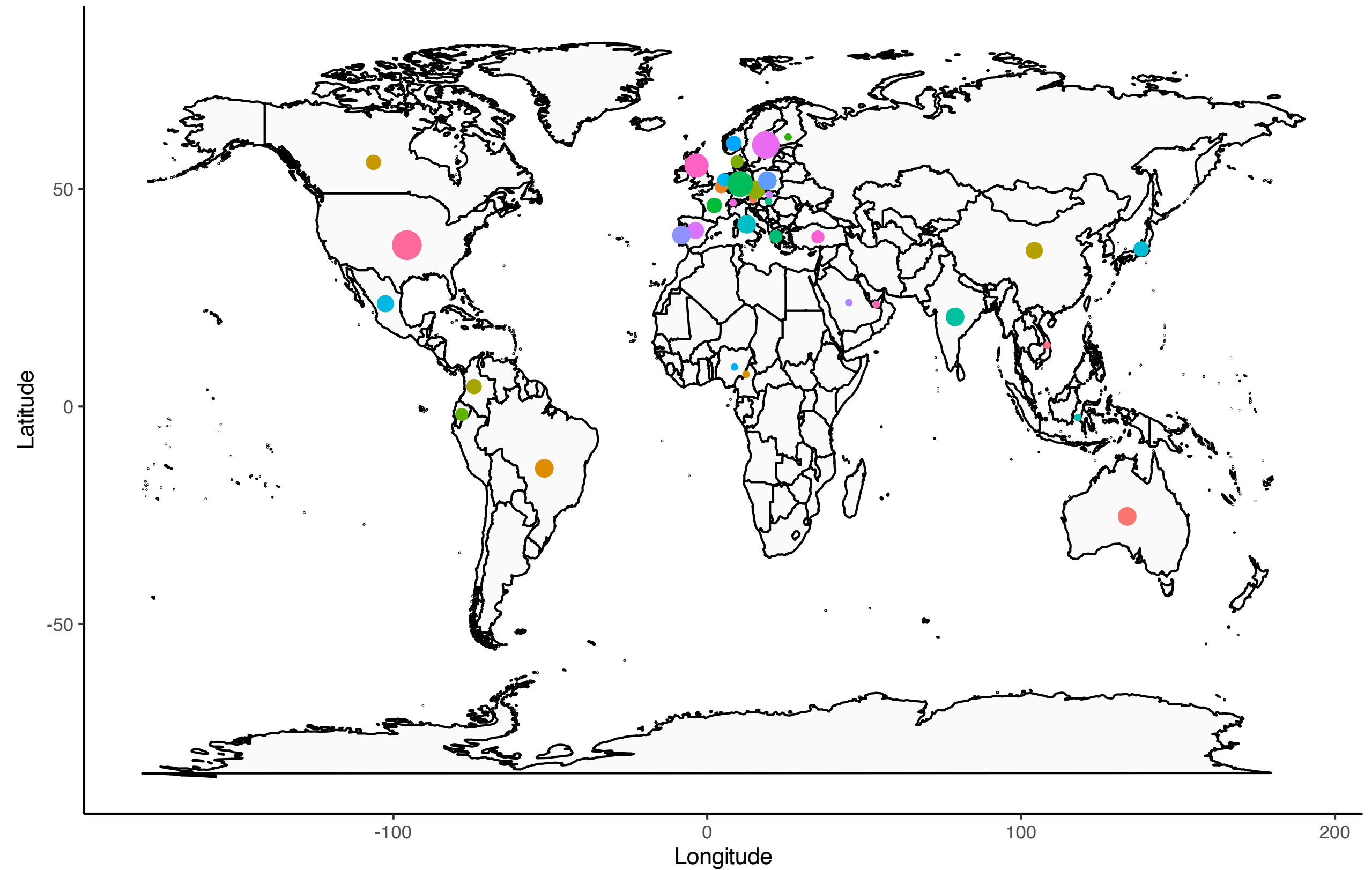
- Where are the toilets / restrooms?
- Coffee / Tea?
 - For lectures: around 10am (functional caffeine only!)
 - For labs: always available in backroom, faculty will commonly incorporate breaks
- When do we eat?
 - 12 - 14 (lunch)
 - 17 - 19 (dinner)
- Where do we eat?
 - Workshop map on website
 - info from Daniel Kintzl (shortly)
 - ask us!
 - late-night options for eating are limited

Who?

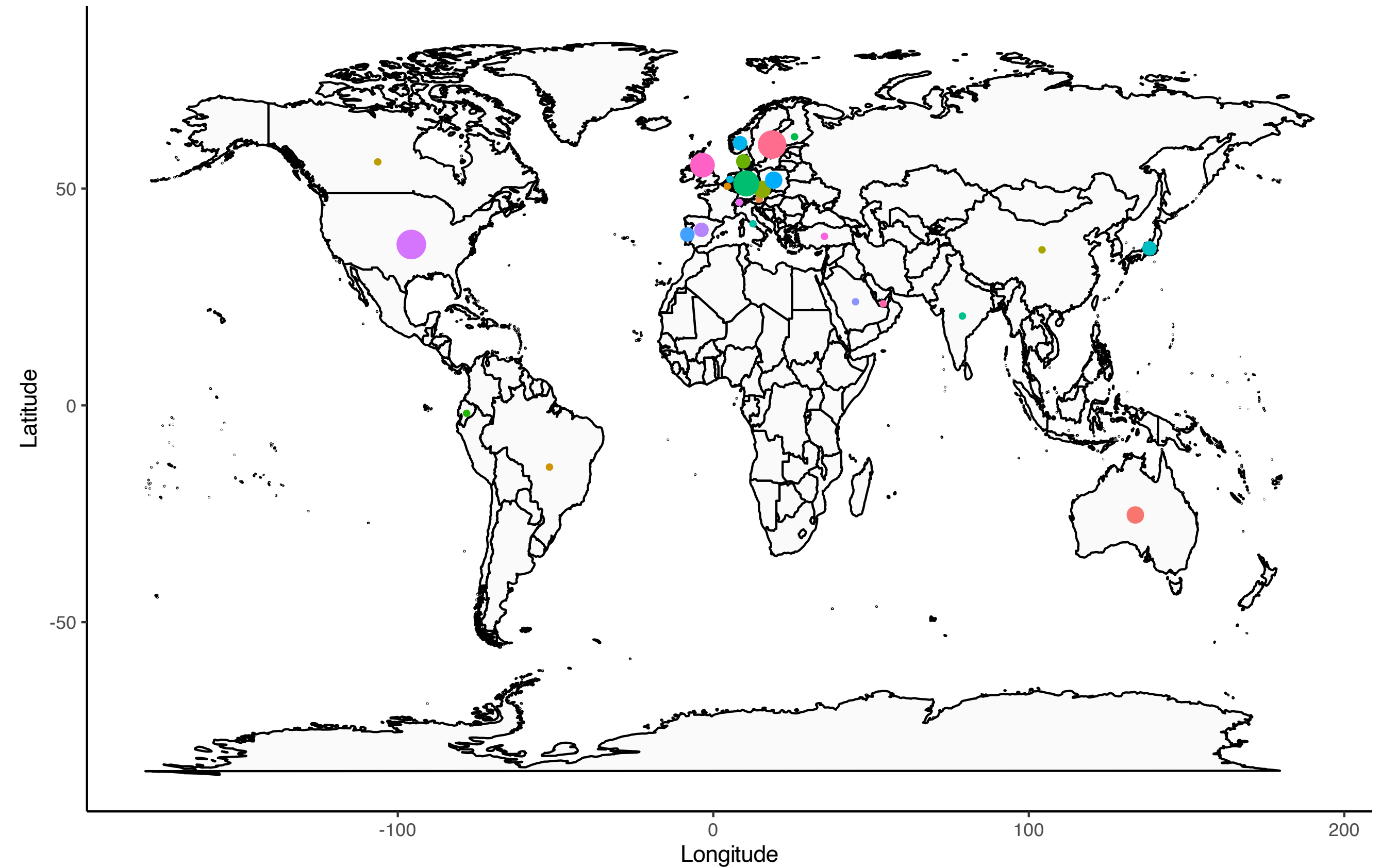


You first!

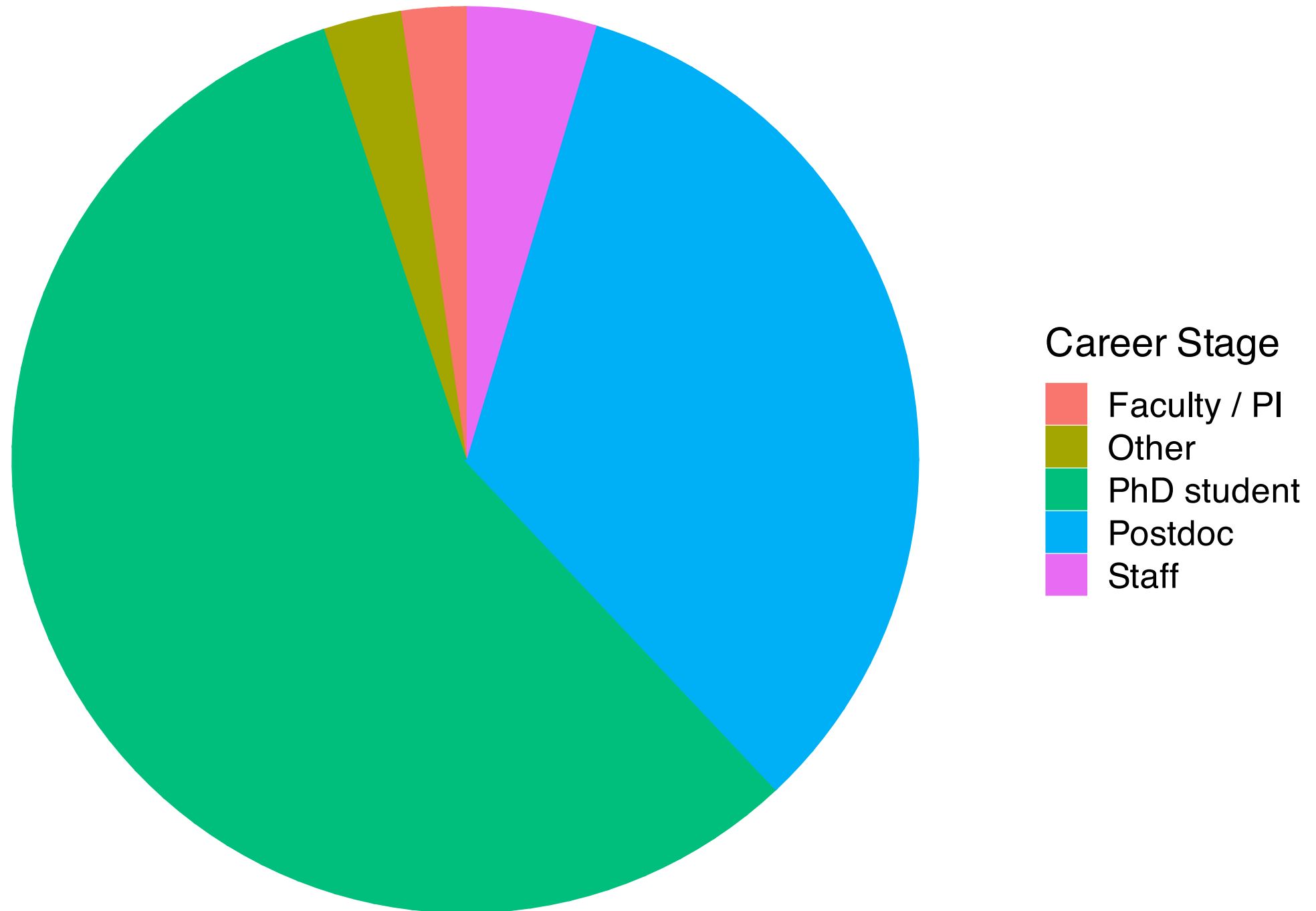
Where you're from (Country)



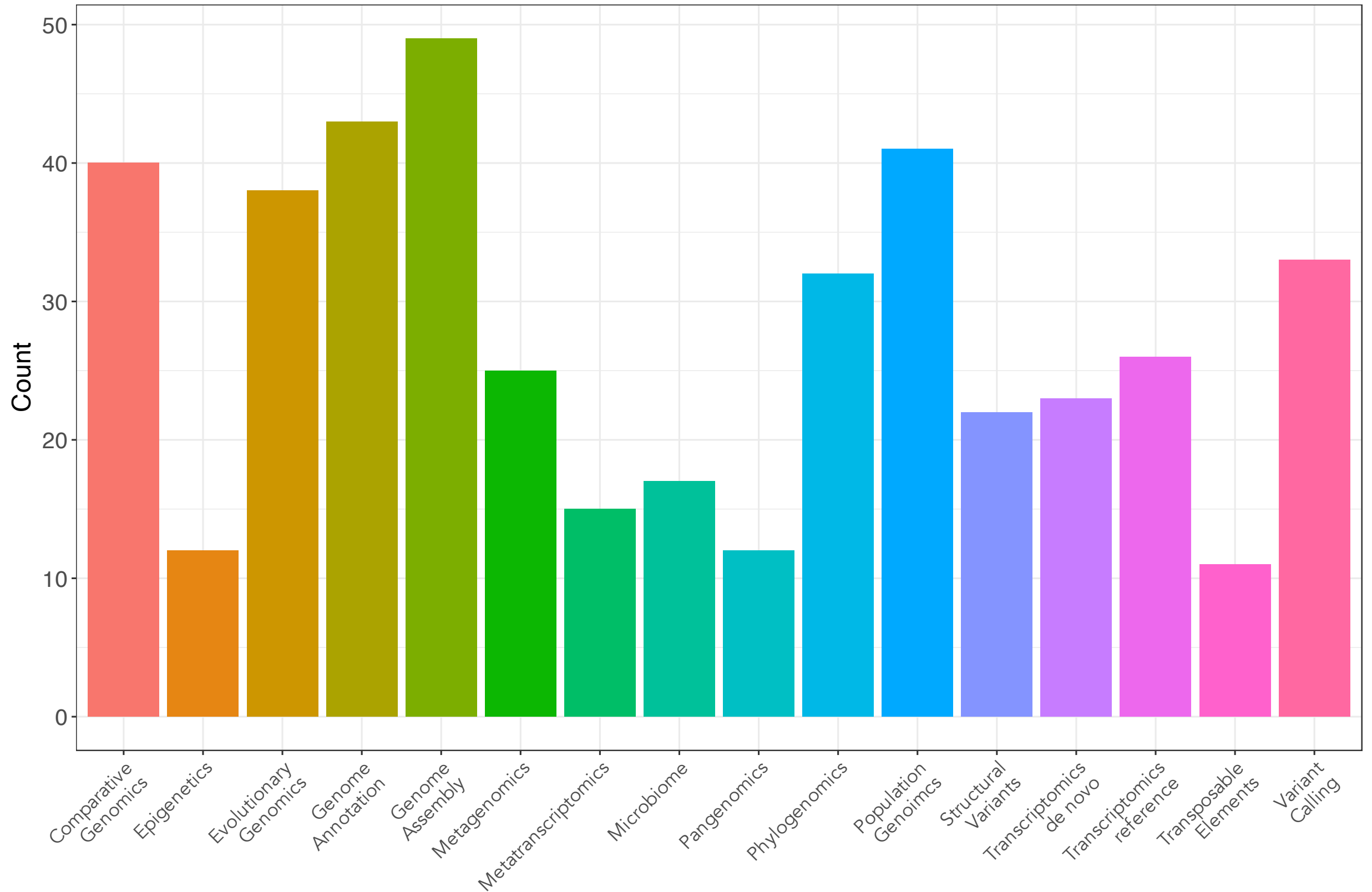
Where you're from (Institution)



Career stage



Topics of interest



Us

Instructors / TAs:
the most important people and your new best friends!



Alena



Janina
"Participant Liaison"



Kartik



Madee



Miloš

Organisation Team



Daniel



Guy

In absentia



Joan



Josie



Mercè



Rayan



Scott

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



Mike Zody



Mercè Montoliu Nerín



Erik Garrison



Fritz Sedlazeck



Camille Marchet



Antoine Limasset



Marcela Uliano-Silva



Katharina Hoff



Natalia Nenasheva



Rayan Chikhi

Faculty: Week 2



Rob Waterhouse



Francesco Cicconardi



Rosa Fernández



Brian Haas



Rachel Steward



Sonya Dyhrman



Aitor Blanco Miguez



Paolo Manghi



David Barnett



Evan Eichler



Jim Whiting



Doug Scofield



Chris Wheat

Arrival / Departure Dates

Get ready for May 2023!

Many important details can be read on our [FAQ](#) page and our [Housing and Transportation](#) page

Check [here](#) to view Faculty arrival and departure dates. Check out our Faculty for 2023 [here](#) and our Instructors for 2023 [here](#)

[illegible]

Faculty Lunches: a fantastic opportunity to meet with faculty

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

Get ready for May 2023!

Many important details can be read on our [FAQ](#) page and our [Housing and Transportation](#) page

Check [here](#) to view Faculty arrival and departure dates. Check out our Faculty for 2023 [here](#) and our Instructors for 2023 [here](#)

As is tradition, we will be having a T-shirt competition! Best T-shirt design will feature on the Workshop on Genomics 2023 T-shirts – get designing!

Workshop on Genomics 2023 BINGO!

Faculty lunches sign-up sheet

Each participant can (and is encouraged!) to participate in 2 faculty lunches. If you want participate to additional faculty lunches, please write your name in t

Faculty Member	Mike Zody	Erik Garrison	Fritz Sedlazeck	Camille Marchet, Antoine Limasset & Marcela Uliano-Silva	Katharina Hoff & Natalia Nensheva	Rob Waterhouse	Francesco Cicconardi	Rosa Fernández	Brian Haas
Topic	Sequencing technology, Study Design & Alignment	Variant calling & Pangenomics	Structural variants	Genome assembly	Genome annotation	Comparative, evolutionary and functional genomics	Comparative genomics, multiple genome alignment	Phylogenomics & Comparative genomics	Transcriptomics & Cancer genomics
Instructor	Josie	Madee	Kartik	Janina	Alena	Janina	Madee	Alena	Milos
Date	16th	20th	17th	18th	19th	22nd	22nd	23rd	23rd
Lunch/Dinner	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Dinner	Dinner	Dinner
Participant 1									
Participant 2									
Participant 3									
Participant 4									
Participant 5									
Participant 6									
Participant 7									

Partners



Graduate Research School in Genomic Ecology

LUND UNIVERSITY, SWEDEN



LUND
UNIVERSITY



TKT - Training and Knowledge Transfer



<https://www.erga-biodiversity.eu/>

<https://www.biology.lu.se/phd-studies/geneco-graduate-research-school-genomic-ecology>

A brief history of the Workshop

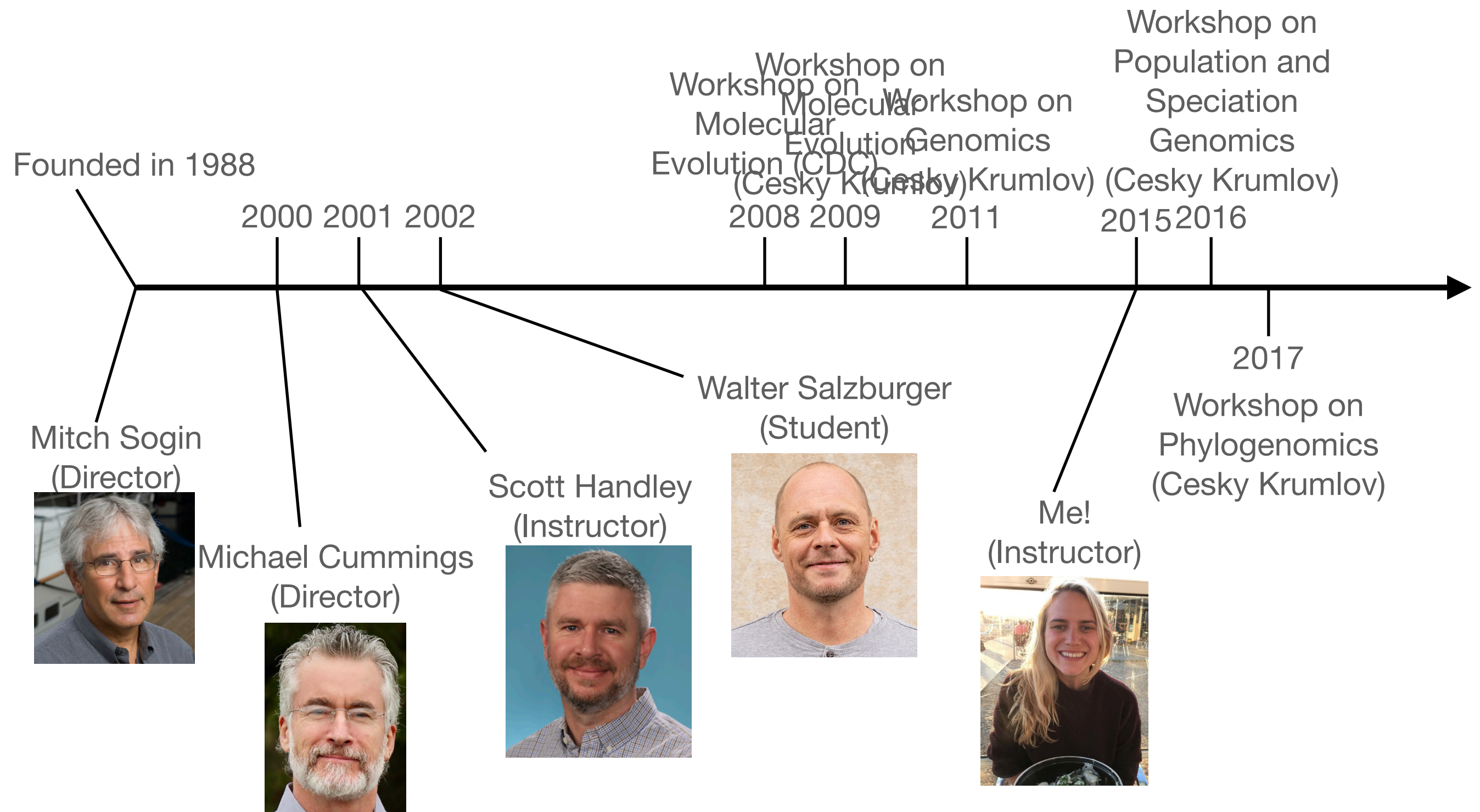


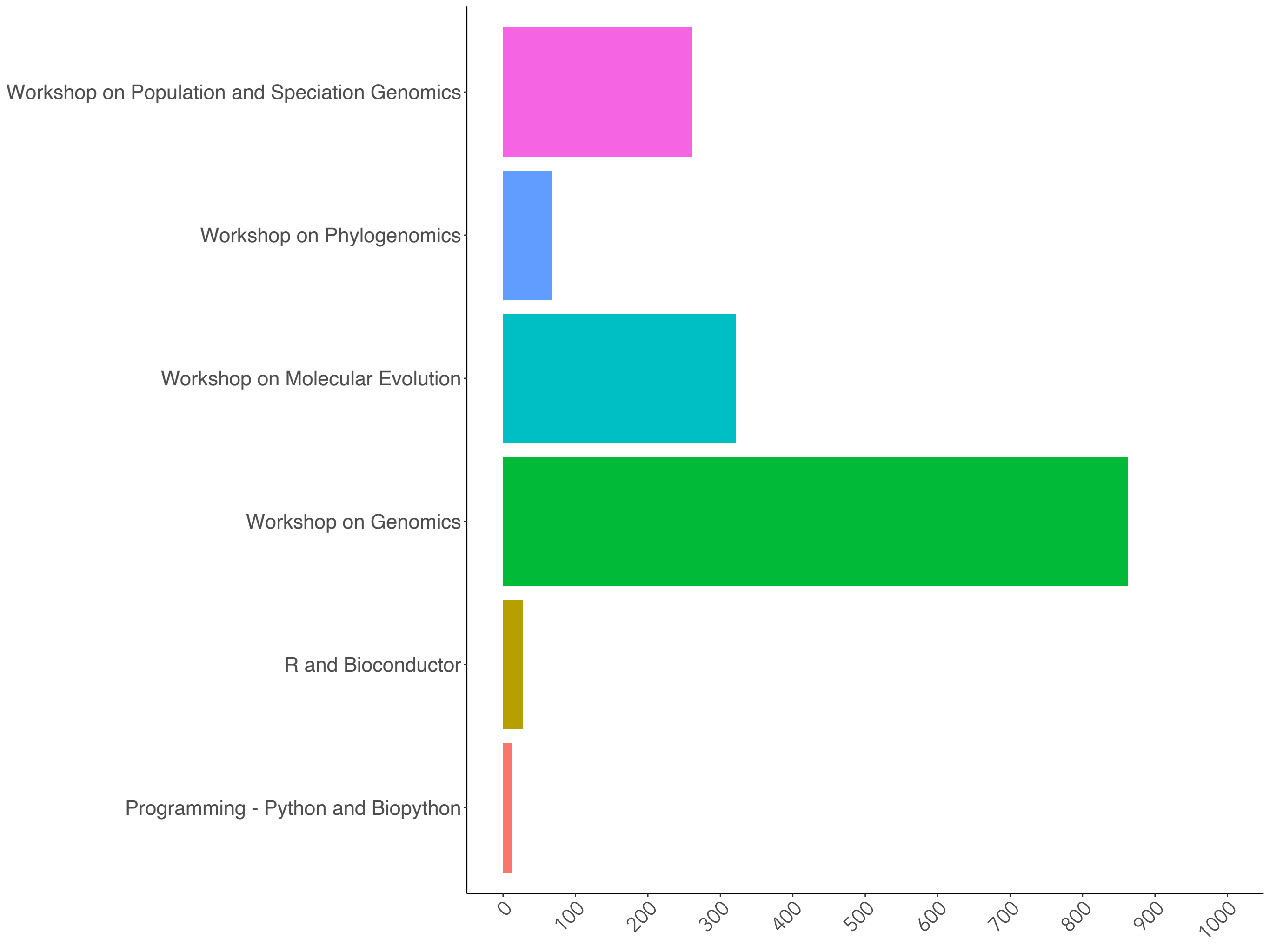
Workshop on Molecular Evolution

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



A brief history of the Workshop





Why Český Krumlov?



Why Český Krumlov?



Why Český Krumlov?



Why Český Krumlov?



Why Český Krumlov?

- reasonably priced
- relative close to major travel hubs
- three "I"s
 - Isolated
 - Idyllic
 - Infrastructure
- huge support from the community

Detailed Schedule

evomics.org/2023-workshop-on-genomics-cesky-krumlov/

EVOLUTION AND GENOMICS

Intensive and immersive training opportunities

WORKSHOPS

LEARNING

PEOPLE

APPLY

INFORMATION

2023 WORKSHOP ON GENOMICS, CESKY KRUMLOV



Week 1

Week 1 : 14-21 May, 2023

DATE	DAY	TIME	PRESENTER	TOPIC	LOCATION
14th May	Sunday	18 – 22	Everyone	Reception	Hotel Zlaty Andel
15th May	Monday	09 – 12	Josie Paris Daniel Kintzl	Introduction and Orientation Town Services	Town Theatre
	Monday	14 – 17	Mike Zody	Sequencing Technology and Study Design	Town Theatre
	Monday	19:30 – 22	Everyone	Scientific Speed Networking	Egon Schiele Museum
16th May	Tuesday	09 – 12	Workshop Team	Dreams, fantasy dreams and genomics	Egon Schiele Museum
	Tuesday	14 – 17	Mercè Montoliu Nerín	UNIX	House of Prelate
	Tuesday	19 – 22	Mercè Montoliu Nerín	UNIX	House of Prelate
17th May	Wednesday	09 – 12	Mike Zody	Alignment	House of Prelate
	Wednesday	14 – 17	Erik Garrison	Variant Calling	House of Prelate
	Wednesday	19 – 22	Fritz Sedlazeck	Structural Variants	House of Prelate
18th May	Thursday	09 – 12	Camille Marchet & Antoine Limasset	Genome Assembly: theory and principles	Town Theatre
	Thursday	14 – 17	Marcela Uliano-Silva	Genome Assembly: from reads to a genome	House of Prelate
	Thursday	19 – 22	Marcela Uliano-Silva	Genome Assembly: from reads to a genome	House of Prelate
19th May	Friday	09 – 12	Katharina Hoff & Natalia Nenasheva	Genome Annotation	House of Prelate
	Friday	14 – 17	Katharina Hoff & Natalia Nenasheva	Genome Annotation	House of Prelate
	Friday	19 – 22	Guy Leonard & Josie Paris	Genomics Adventure	House of Prelate
20th May	Saturday	09 – 12	Erik Garrison	Pangenomics	House of Prelate
	Saturday	14 – 15	Rayan Chikhi	BIG Data	House of Prelate
	Saturday	15 – 17	Everyone	Open Lab / Round Table Discussions	House of Prelate
	Saturday	18 – 22	Everyone	Town Tour Dinner	Town Square Depo (map)

Week 2

Week 2 : 22-27 May, 2023

DATE	DAY	TIME	WHO	TOPIC	FORMAT
22nd May	Monday	09 – 12	Rob Waterhouse	Comparative Genomics	House of Prelate
22nd May	Monday	14 – 17	Francesco Cicconardi	Comparative Genomics	House of Prelate
	Monday	19 – 22	Workshop Team	R & ggplot2	House of Prelate
23rd May	Tuesday	09 – 12	Rosa Fernández	Phylogenomics	Town Theatre
	Tuesday	14 – 17	Brian Haas	Transcriptomics	House of Prelate
	Tuesday	19 – 22	Rachel Steward	Differential Gene Expression	House of Prelate
24th May	Wednesday	09 – 12	Sonya Dyhrman	Genomics in the Ocean	Town Theatre
	Wednesday	14 – 17	Aitor Blanco Miguez & Paolo Manghi	Metagenomics & Metatranscriptomics	House of Prelate
	Wednesday	19 – 22	David Barnett	Microbiome Analysis	House of Prelate
25th May	Thursday	09 – 12	Evan Eichler	Genome Structural Variation	Egon Schiele Museum
	Thursday	14 – 17	James Whiting	Population Genomics	House of Prelate
	Thursday	19 – 22	Doug Scofield	Best Practices in Handling Genomic Data	House of Prelate
26th May	Friday	09 – 12	Chris Wheat	Lies, Damn Lies, and Genomics	Egon Schiele Museum
	Friday	14 – 17	Everyone	Round Table Discussions, Tshirts and Certificates	Egon Schiele Museum
	Friday	19:30 – 22	Everyone	End of Workshop Party	You Decide!
27th May	Saturday	All Day	Everyone	Departure	

Social Events

- Friday 19th

picnic (12:00 - 14:00, location **TBC**)

- Saturday 20th

Town tour (~18:00)

After tour, mid-workshop dinner (Depo)

- Sunday 21st

Free day! (more info from Daniel shortly)

- Friday 26th

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

Communication during the workshop

- website: evomics.org/2023-workshop-on-genomics-cesky-krumlov/
- Slack group
- Twitter: #evomics2023
- Facebook: Workshop on Genomics

Key locations

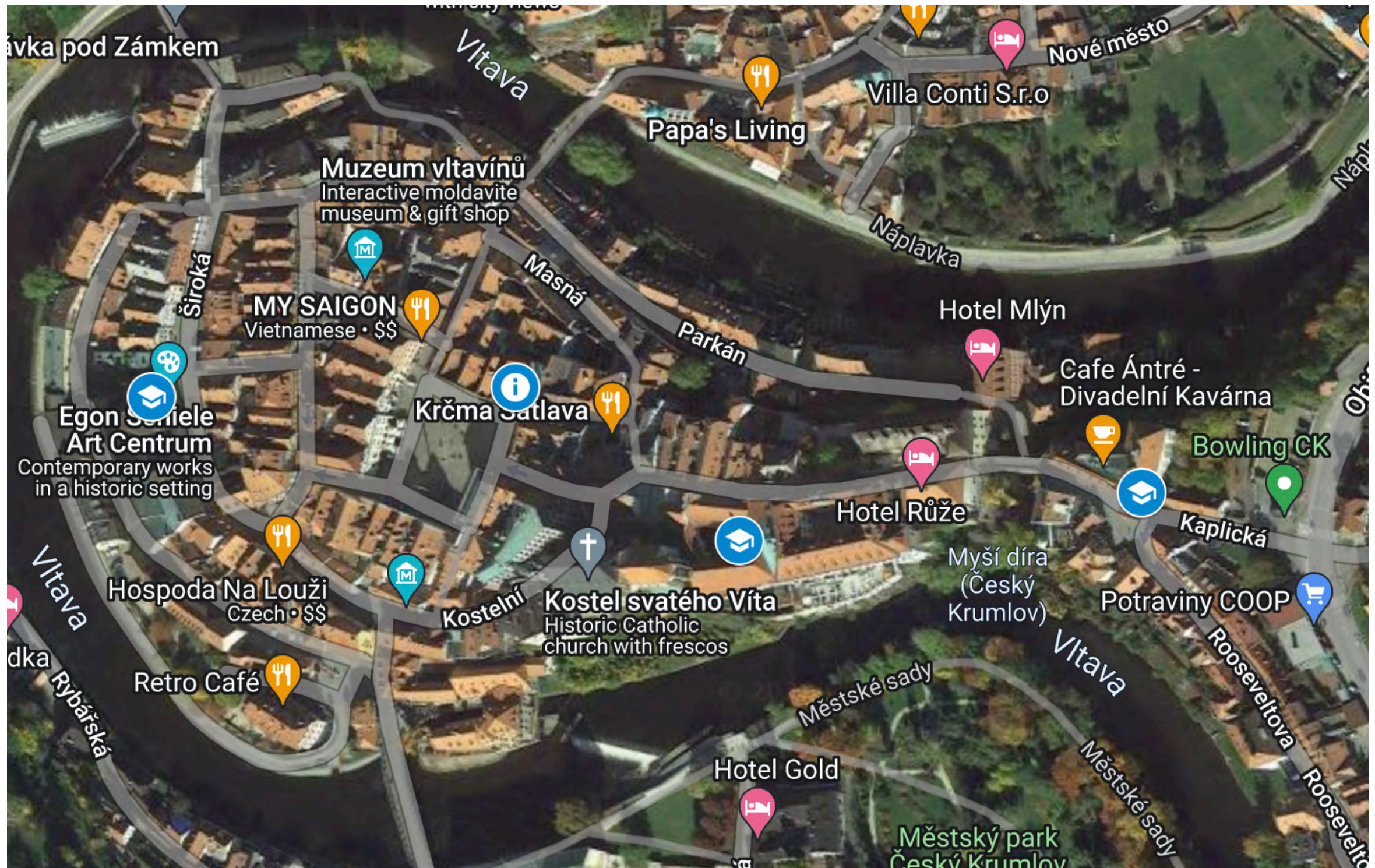
Get ready for May 2023!

Many important details can be read on our [FAQ](#) page and our [Housing and](#)

Available as google maps links on the website

[Instance addresses](#) (check every day for your new one!)

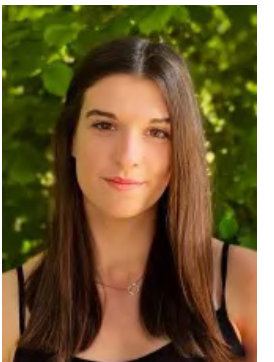
[Workshop map](#)



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 (Janina)
 - **Don't come to lectures / labs if you're sick!**



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.



Joan



Josie

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

Post-lab discussions

There's a specified bar every night (non-alcoholic drinks also available)
- tonight is Egon Schiele (after Scientific Speed Networking)

Bars are also in the Workshop map

We have also organised three board game / activity nights!

Wednesday 17th (22.00 - 24.00)

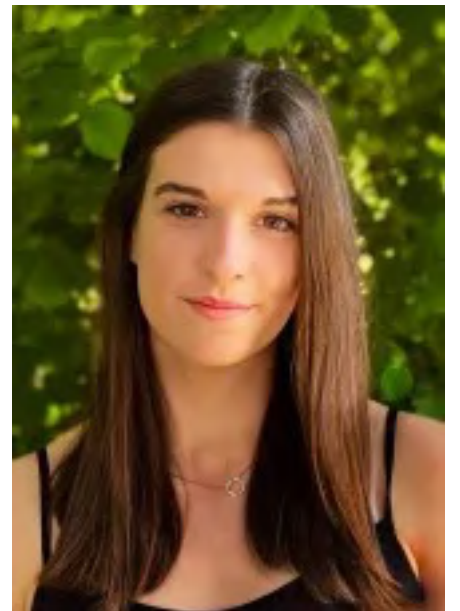
Sunday 21st (20.00 - 22.00)

Wednesday 24th (22.00 - 24.00)

Location TBC



Alena



Janina

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: Thursday 18th May
(14.00)

As is tradition, we will be having a **T-shirt competition!**



BINGO #evomics2023

Workshop on Genomics 2023 BINGO! #evomics2023				
See someone asleep in lecture	Contribute to the t-shirt competition	Join a faculty lunch	Eat at the meat dungeon	Do some exercise / sports
Ask to see a picture of Madee's cats	Command failed because of wrong directory	Dance in music bar	Speak Czech with Milos	Try trdlenik
Eat a Czech dish	Join a board game night	Attend the welcome reception	Share a drink with a TA	Help your neighbour with an exercise
Post with the #evomics2023	See the bears	Take a selfie on the castle walls	Show Janina an ant from Český Krumlov	Arrive to each lecture on time
Join the workshop dinner 20th May	Find a vegan meal	Show Alena a cute baby animal video	Ask a question in a lecture	Request a song on the jukebox

Scientific Speed Networking

Tonight: 19.30 - 22.00 at
Egon Schiele

- Helps us get to know each other!
- Find friends / collaborators
- Identify shared interests
- Many fun activities planned :)



Wear your name tag!

Now ...

Daniel Kintzl with information from the town



Welcome! We are so excited to have you here!

