



workshop on genomics

Český Krumlov
Summer, 2022

objectives

- information about settings and logistics
- introductions
- workshop background and history
- establishing expectations
- miscellany

f.a.q.

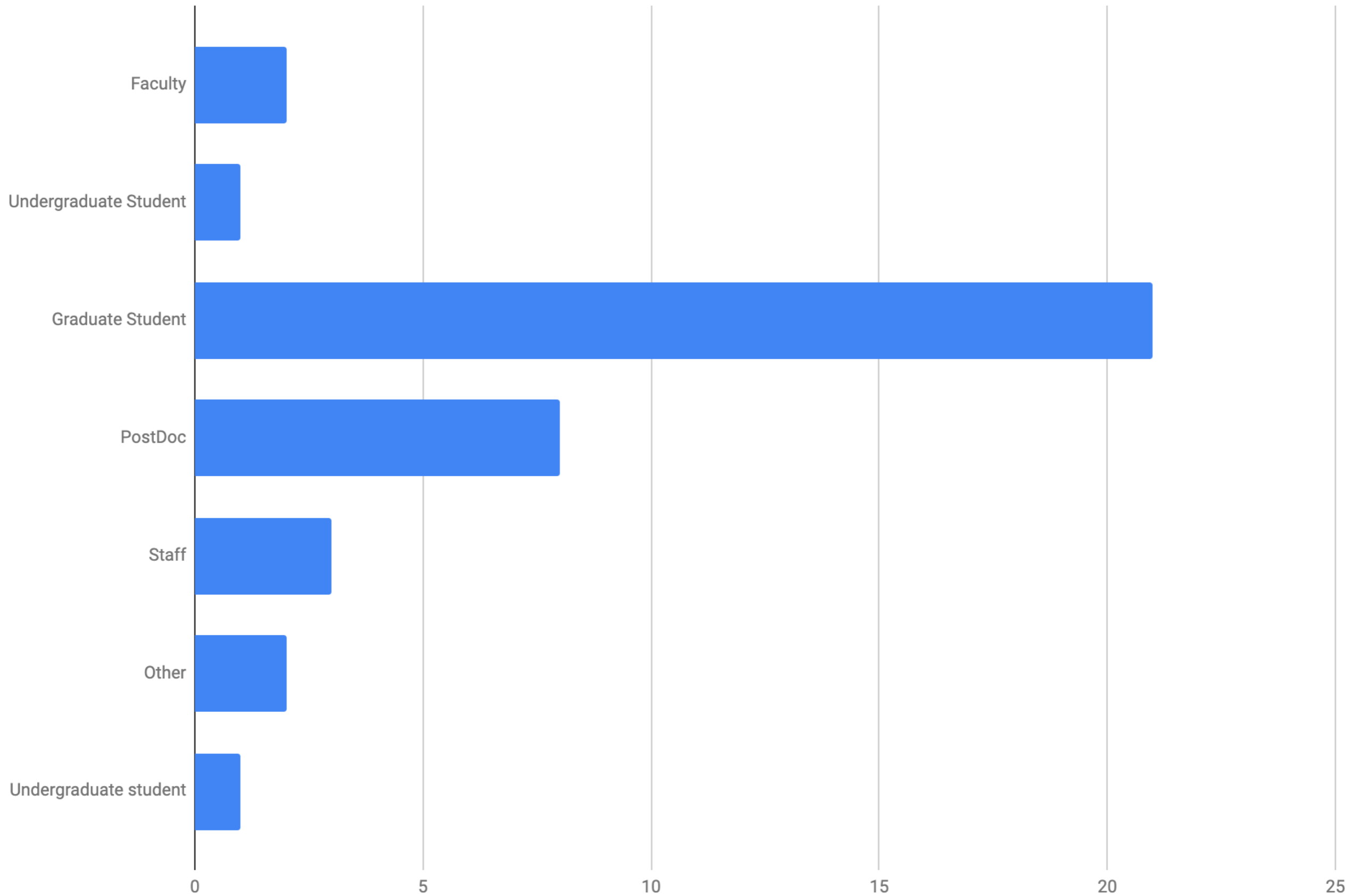
- where are the restrooms?
- coffee breaks?
 - approx. 10:00 in the lecture hall
 - functional coffee and tea only. No half-calf-decaf-double-mocha-pour-over
 - anytime in House of Prelate (Computer Lab)
- where and when to eat?
 - workshop map on the main schedule page
 - information from Daniel Kintzl
 - ask the team
 - times: 12-14, 17-19
 - late night dining options are limited

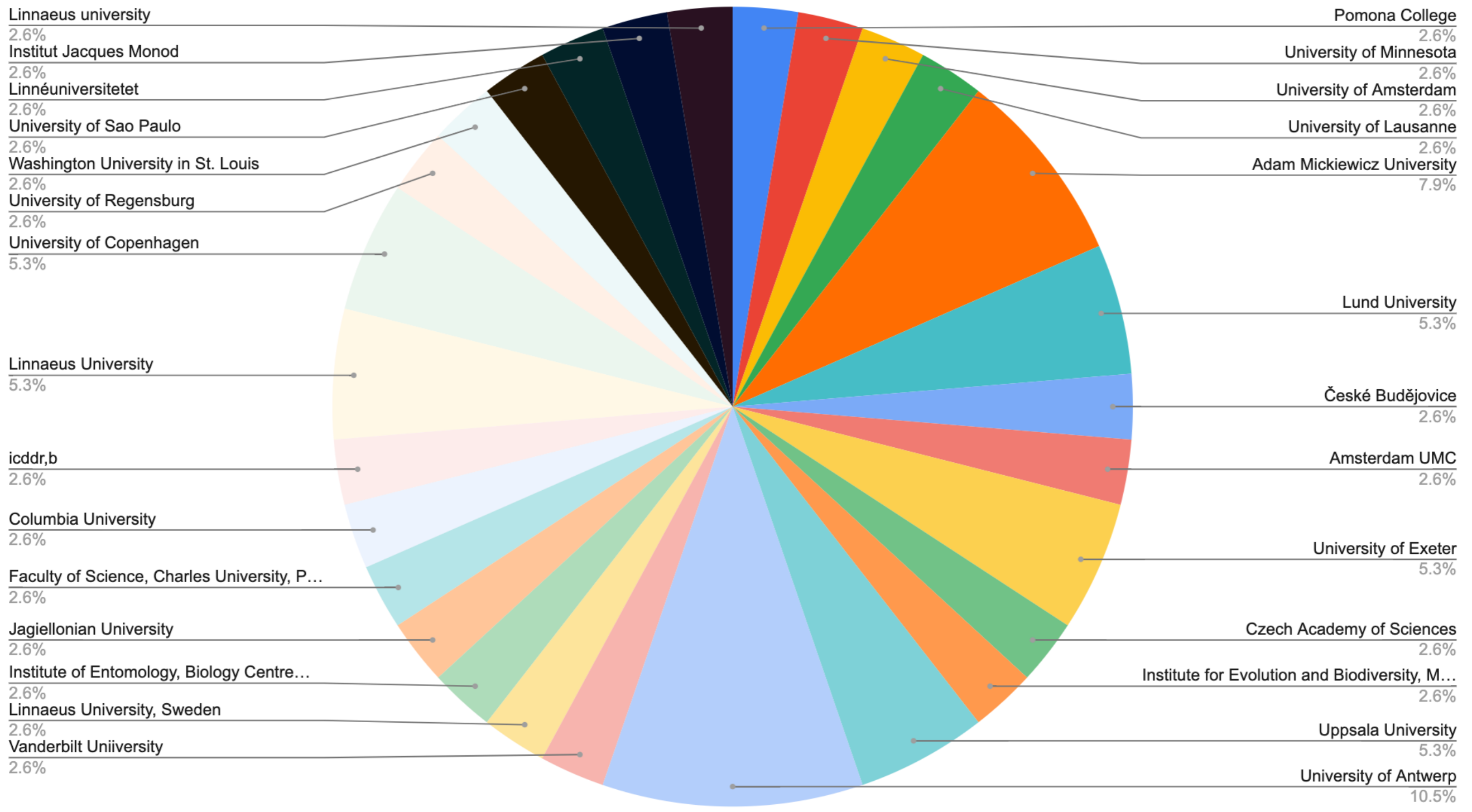
who



you

Professional Level





US

instructors: your new best friends



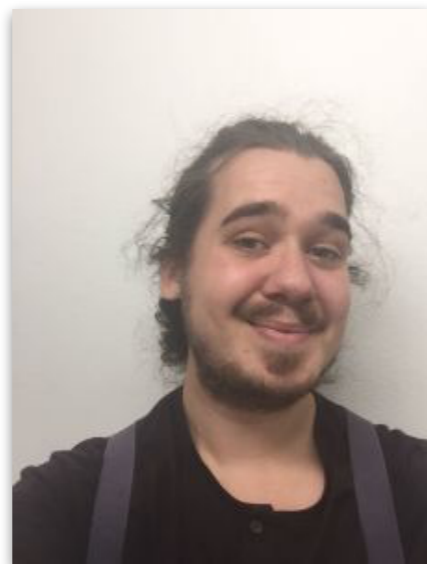
Kateryna



Merce



Karin



Nikos



Kalle

co-directors



Dag



Sophie



Josie



Sonya



Scott



Guy



Rayan

Previous Co-directors



Karin



Konrad



Naiara

faculty: week 1



Sonya Dyhrman



Mike Zody



Camille Marchet



Antoine Limasset



Kristen Bos



Sophie



Malachi Griffith



Guy



Rayan

faculty: week 2



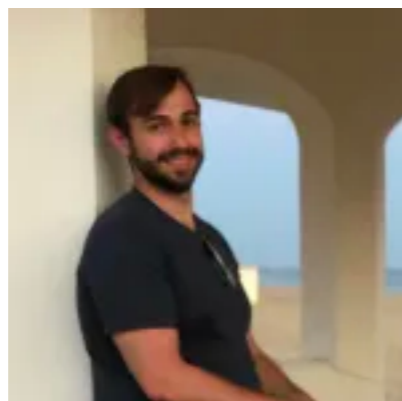
Brian Haas



Me!



David Barnett



Ilya Korunsky



Emiliano Trucci



Chris Wheat

faculty lunches

- outstanding opportunity to network with faculty
- some faculty are only here for a short period of time, so take advantage of the lunch

Workshop Information

[Instance Addresses](#)

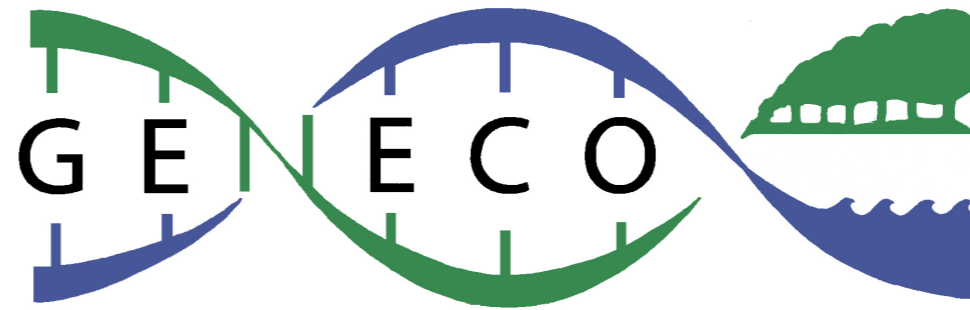
[Faculty lunch signup](#)

partners



Graduate Research School in Genomic Ecology
LUND UNIVERSITY, SWEDEN





- Interdisciplinary graduate school for PhD students in Genomic Ecology
- Genomic Ecology - interface between ecology & evolution, molecular biology and genomics
- GENECECO was funded by the Swedish Research Council, from 2013 by the Faculty of Science, Lund University



what

history

concepts

history



Woods Hole Workshop on Molecular Evolution



Michael Cummings
Director



Scott (me!)



Michael & Scott
have dinner in DC



Mitch Sogin
Director

TA TA

1988

2000

2001

2002

2007

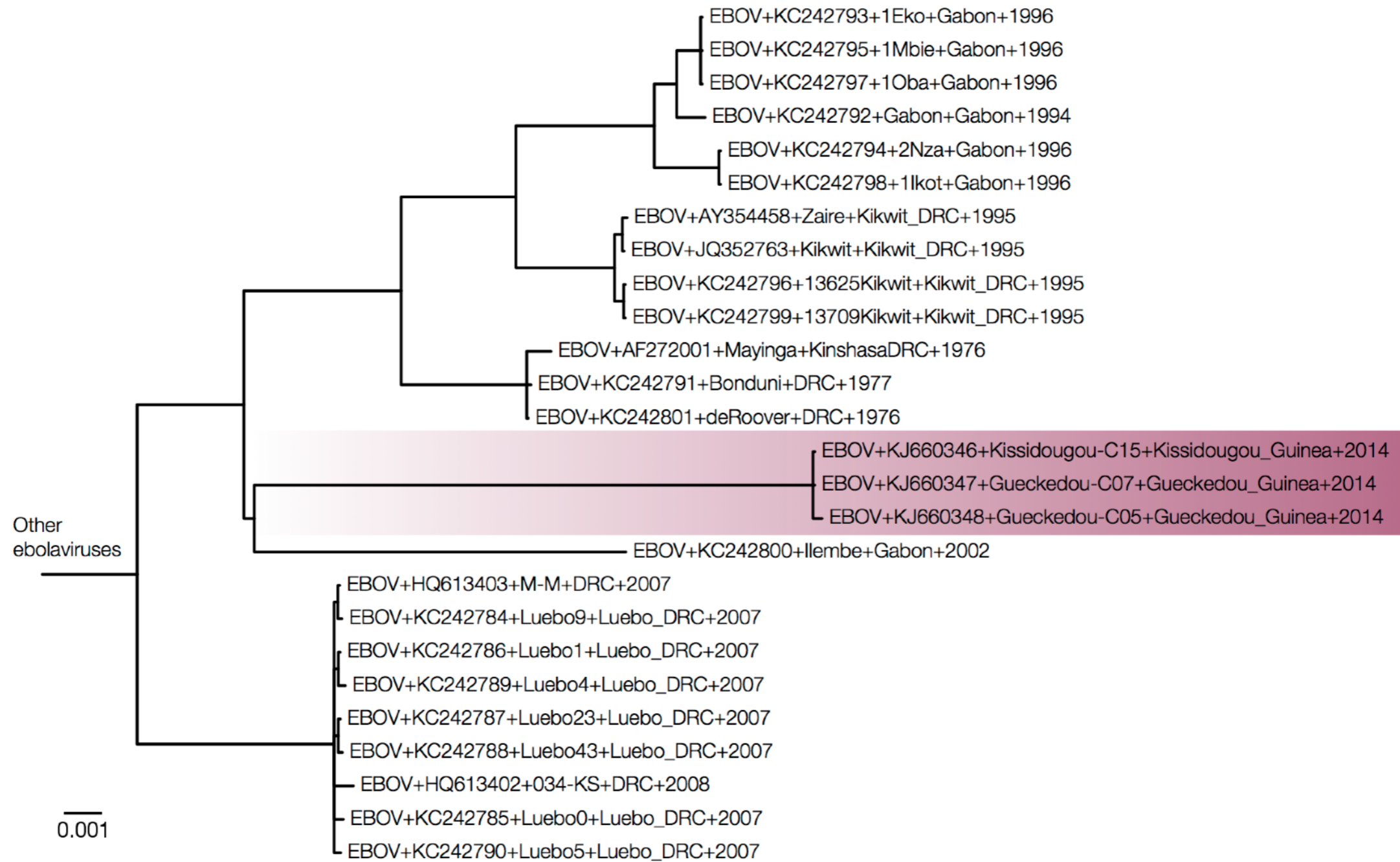
Walter Salzburger
Student



CDC

**CENTERS FOR DISEASE
CONTROL AND PREVENTION**

CDC loves trees



why Český Krumlov?



what is a Cheskie Kroomlav?

CZECH REPUBLIC



why Český Krumlov?

- reasonably priced
- relatively close to major airports
- three I's
 - Isolated
 - Idyllic
 - Infrastructure
- support from the local community



workshops go global



Michael & Scott
have dinner in DC

Workshop on
Genomics
Český Krumlov

Workshop on
Phylogenomics
Český Krumlov

2007

2008

2009

2011

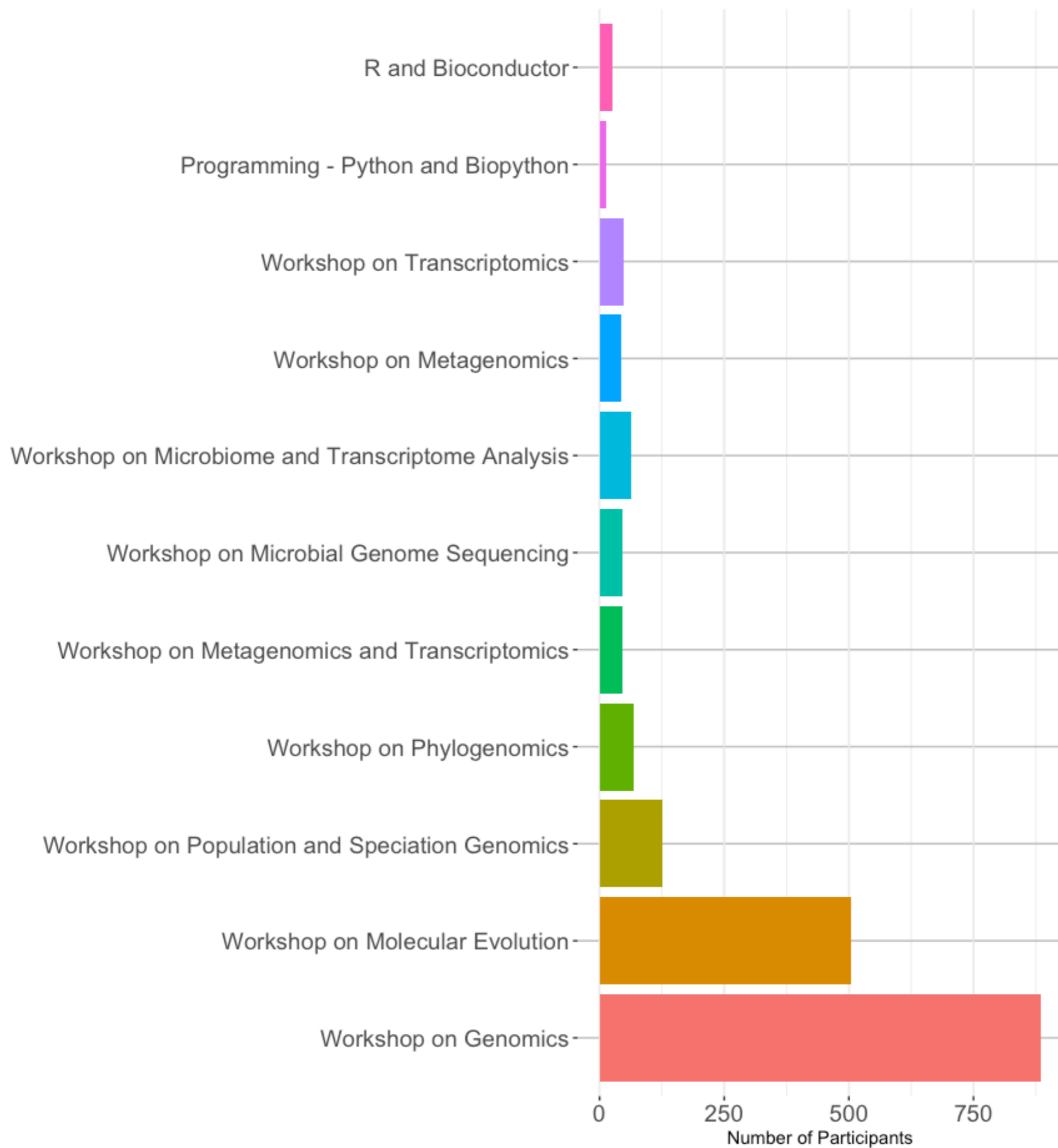
2016

2017

Workshop on
Molecular Evolution
CDC

Workshop on
Molecular Evolution
Český Krumlov

Workshop on
Population and Speciation
Genomics
Český Krumlov



concept

Week 1: Fundamentals

Study Design

UNIX

Assembly

Alignment

Big Data

**Data
QA / QC**

Visualization

Topical

R

Week 2: Subject Specific

Transcriptomics

**Population
Genomics**

**Single-Cell
Transcritpomics**

Study Design

Microbiome

schedule in detail

<https://evomics.org/2022-workshop-on-genomics-cesky-krumlov/>

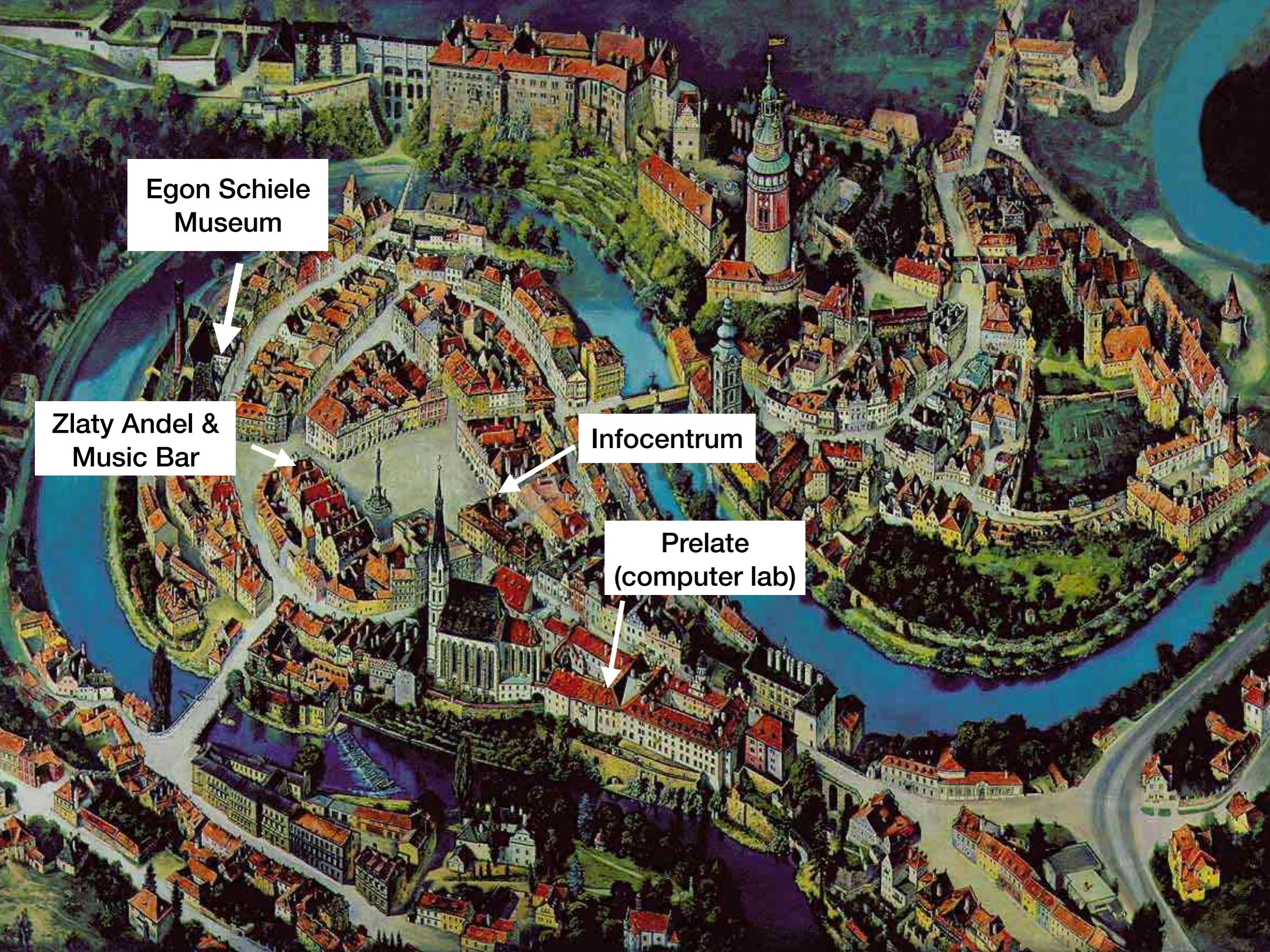
social events

- Saturday
 - meet at 18:00 in the Town Square for a group tour of Český Krumlov
 - tour will finish with dinner (location TBD)
- Sunday
 - free day. More information from Daniel Kintzl shortly
- Friday
 - you plan end-of-workshop dinner / party

communication during the workshop

- website: <http://evomics.org>
- twitter: #evomics2022
- facebook: Workshop on Genomics
- slack

key locations



Egon Schiele
Museum



Zlaty Andel &
Music Bar



Infocentrum



Prelate
(computer lab)



expectations

phenomena

- exhaustion
 - watch your health
 - stay hydrated (ask a staff member about the magical powers of fizzy water)
 - let a staff member know if you are not feeling well
 - **If you do not feel well do not come to class!**
- frustrations
 - you will likely not finish every step of every exercise
 - application bugs, connectivity issues
- you will not become an expert in 2 weeks

approach and attitude

- patience!
 - we have 2 weeks together!
- sleep
- ask questions (Slack)
- everything will be available on the web after the course is over
- have fun, make new friends and colleagues, enjoy Krumlov
- **WORK WITH YOUR NEIGHBORS**

A portrait of a middle-aged man with grey hair, smiling warmly. He is wearing a bright red cardigan over a light blue collared shirt and a dark tie with a gold pattern. The background is a plain grey wall. To the left, there are some colorful, patterned items hanging on the wall. To the right, there is a green plant. The text "Won't you be my neighbor?" is overlaid in white at the bottom of the image.

Won't you be my neighbor?

```
awk '{print $3 "/t" $4}' text.txt
```



Thanks neighbor

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. A point of contact dedicated to dealing with these issues will be highlighted during the welcome talk, but please know that you can discuss issues with the Workshop directors.

<http://evomics.org/information/code-of-conduct/>

computer lab

- dates back to the 2nd half of the 14th century
- one of the oldest buildings in Krumlov (Gothic period)
- has housed several breweries between the 1596 - 1865
- important for us:
 - fully wired and wireless internet
 - power distribution



House of Prelate

lab policy

- no food or drink inside the computer hall
- wipe feet before entering
- coats in the coatroom
- do not touch the walls (frescoes) - painter died in 1791
- strict arrival and departure times
- wash your own coffee mugs



House of Prelate

post lab discussions

- important feature of the Workshop
- Music bar (tonight), Zappa Bar, Apotheke





miscellany

t-shirt competition

- top design will be awarded with a special gift from the town
- **submit by THURSDAY, 26-May (this week!)**

Workshop Information

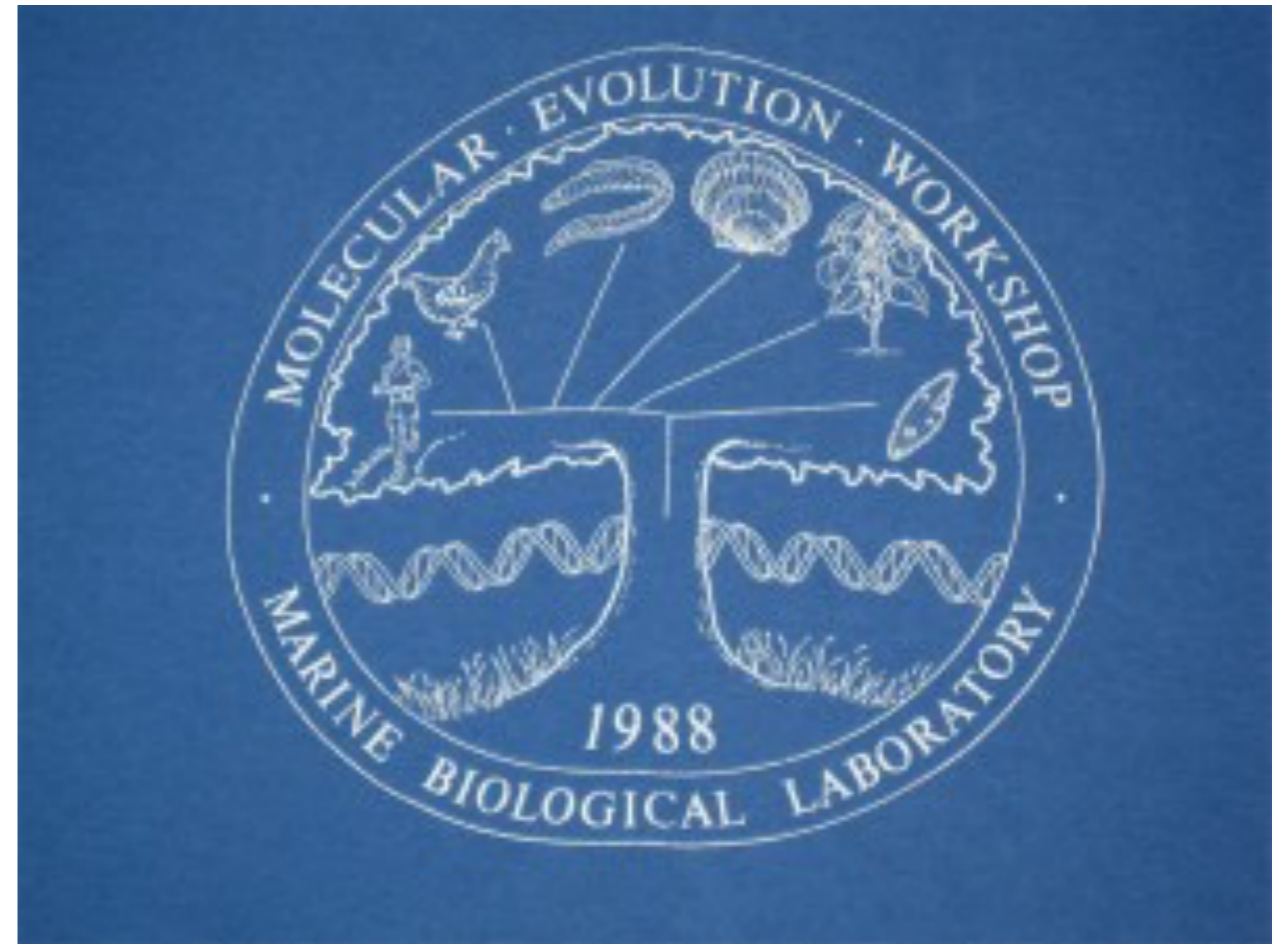
[Link to workshop slack](#)

[Instance Addresses](#)

[T-Shirt Competition](#)

[Speed Networking – Monday Night](#)

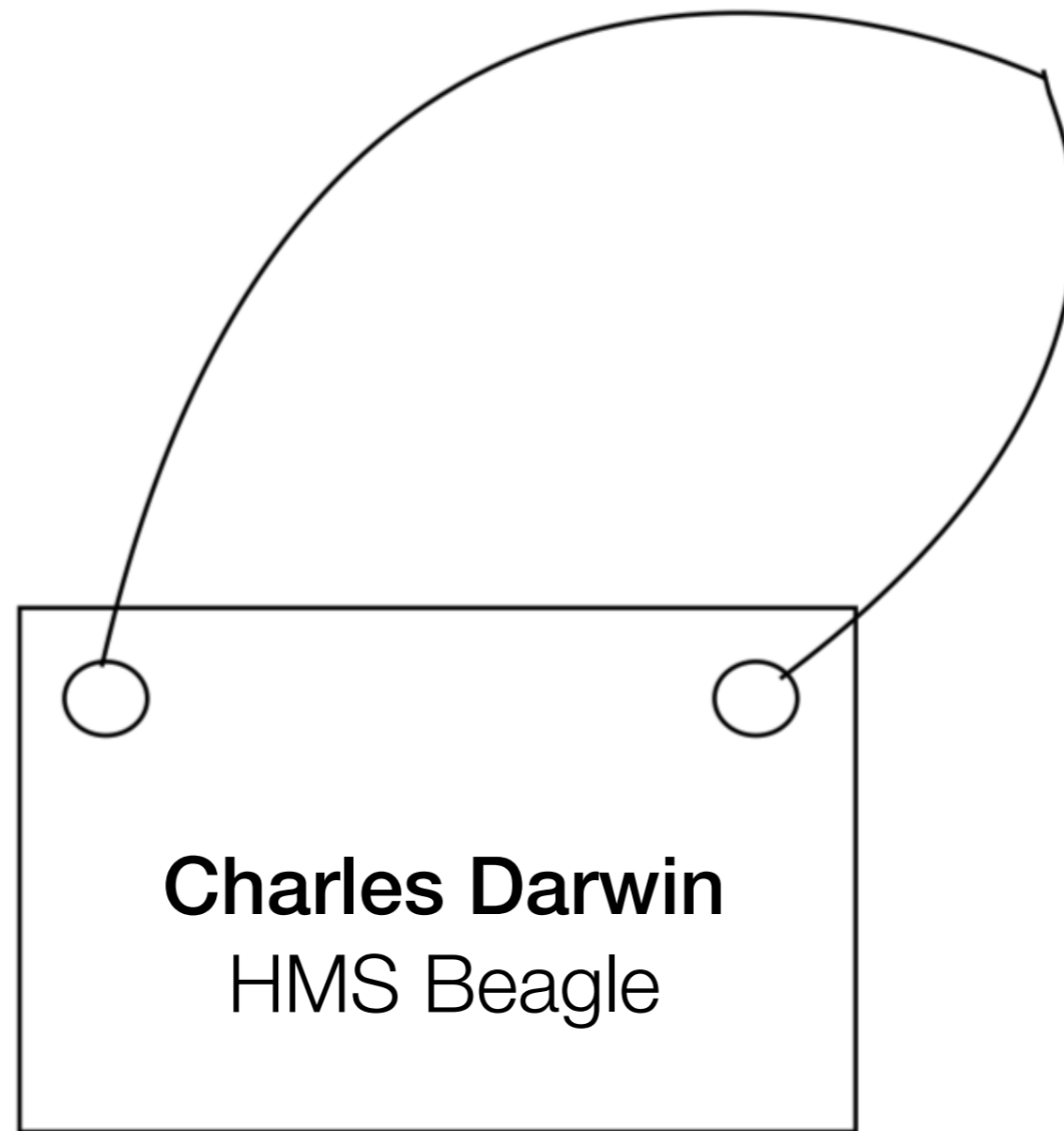
[Faculty Lunches](#)



scientific speed networking

- tonight: Location TBD (19:30)
- goals:
 - get to know each other
 - identify shared interests
 - learn approaches and methods other participants work with

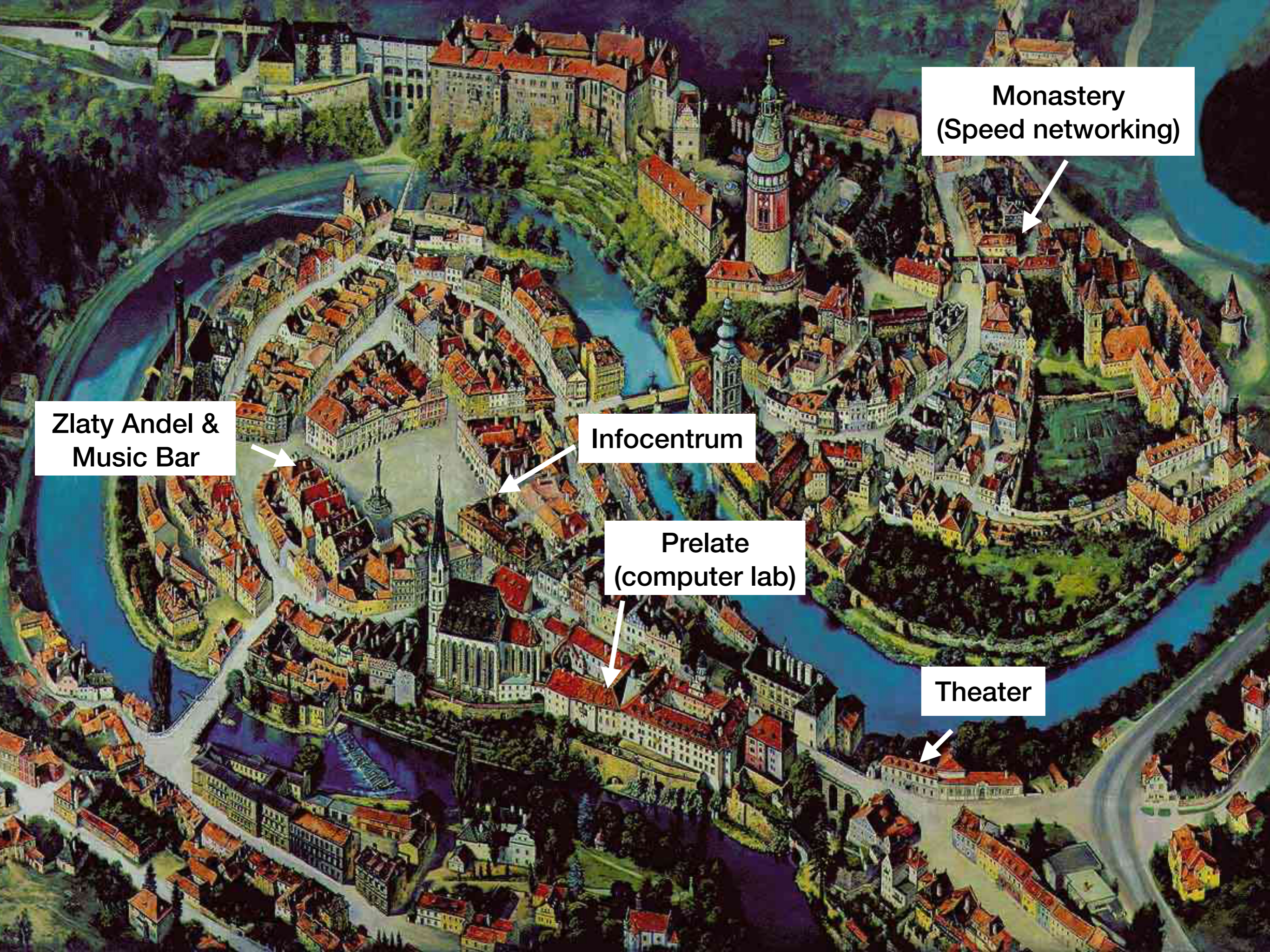
wear your name tag!



next

- information from Daniel Kintzl
- group photo
- walk to house of prelate
- Extended 1st day lunch break
- 14:00 (2pm) lecture from Sonya (here)
- 19:30 (7:30pm) speed networking (location TBD)





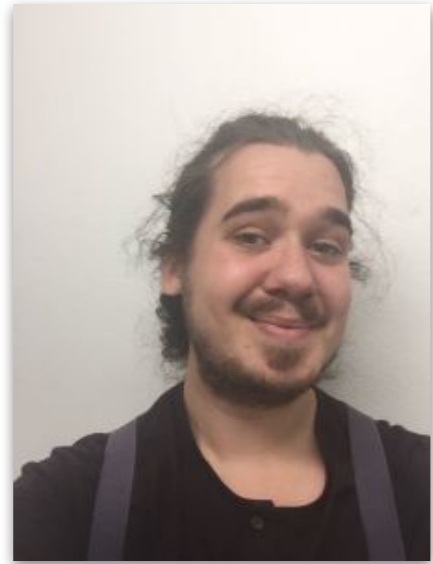
Monastery
(Speed networking)

Zlaty Andel &
Music Bar

Infocentrum

Prelate
(computer lab)

Theater



thank you and
WELCOME!

