

# Welcome to the Snakemake bring-your-own-code Workshop

# Your teachers



John



Marcel



Per



Verena

# Zoom etiquette

- Please keep your **webcam** on, unless you have problems with your internet connection
- **Lectures**
  - Please stay muted
  - If you have a question, unmute and speak up
- **Breakout rooms**
  - Feel free to stay unmuted, unless there is a lot of background noise

# Slack

- Please use the Slack workspace [nbissnakemakebyoc.slack.com](https://nbissnakemakebyoc.slack.com) during the workshop for communication
- You can ask Snakemake questions to everyone in #2022-snake-make-questions
- There are also separate channels for each of the groups that you can use to communicate, e.g. to share code snippets and links
- We will share the lecture slides with you in #general and Canvas ([Discussions > Lecture slides](#))

# Schedule

Wednesday, 31 August 2022

Time	Topic	Teacher
09.00 - 09.10	Welcome and introduction	VK
09.10 - 10.00	Lectures <ul style="list-style-type: none"><li>• Anatomy of a Snakfile</li><li>• Scatter-gather solutions</li><li>• Example workflow</li></ul>	JS, VK
10.00 - 10.10	Breakout rooms: ice-breaker session	VK, JS, PU, MM
10.10 - 12.30	Breakout rooms: feedback session (incl. <b>Coffee Break</b> )	VK, JS, PU, MM
12.30	Wrap-up day 1	VK
ca. 12.35	End of day 1	

# Schedule

Thursday, 1 September 2022

Time	Topic	Teacher
09.00 - 09.50	Lectures <ul style="list-style-type: none"><li>• Using conda, containers and env-modules in Snakemake</li><li>• Running Snakemake locally &amp; on a cluster</li></ul>	MM, PU
09.50 - 12.00	Breakout rooms: coding session (incl. Coffee Break)	VK, JS, PU, MM
12.00	Feedback session for open questions & wrap-up day 2	VK
ca. 12.30	End of day 2	

# Schedule

Friday, 2 September 2022

Time	Topic	Teacher
09.00 - 09.30	Lectures <ul style="list-style-type: none"><li>• Best practices for Snakemake workflows</li></ul>	PU
09.30 - 12.00	Breakout rooms: coding session (incl. Coffee Break)	VK, JS, PU, MM
12.00	Feedback session for open questions & final wrap-up	VK
ca. 12.30	End of the workshop	

# Breakout room feedback session (today)

- Each of you **presents** their project to your group (incl. your teacher)
- You have **30 minutes**, incl. questions and feedback from your group
- This will hopefully help you to find a **starting point** to work on your project



# Breakout room coding sessions (days 2 and 3)

- You will be in a **breakout room** with your group (incl. your teacher)
- You will each **work individually** on your project
- You can ask your group whenever you need help or feedback
- Your teacher will try to help, but all participants are encouraged to **help each other**



# Feedback sessions (days 2 and 3)

- At the end of each day, after the coding sessions
- In the main Zoom room
- Time to discuss open questions that were difficult to solve in the groups or any interesting insights about Snakemake



# Breakout room groups

Whenever we open the breakout rooms, please move yourselves into your group room

## Breakout room 1: Marcel

- Daniela, Camille, Kang, Karin

## Breakout room 2: John

- Trine, Magnus, Tianyi, Anna

## Breakout room 3: Per

- Archana, Victor, Martyna, Begüm Serra

# Questions?

