

1st de.NBI Cloud User Meeting

Venue:

Center for Biotechnology (CeBiTec)
Universität Bielefeld
Universitätsstraße 27
33615 Bielefeld

Arrival

Maps of Bielefeld University can be found [here](#).

The CeBiTec building is labelled as number 3 on the 'Campus Map'

<http://www.uni-bielefeld.de/%28en%29/Universitaet/Ueberblick/Anreise/campus.html>

and as building part G on the 'Plan of the Main Building'.

Conveniently located hotels:

- Bielefelder Hof Am Bahnhof 32, 33602 Bielefeld, Phone: 0521 – 5 28 20,
<http://www.bielefelder-hof.de>
- B&B Hotel, Europa Platz 2(neues Bahnhofsviertel), Phone: 0521 – 304 33-0;
<http://www.hotelbb.de>
- Altstadt-Hotel, Ritterstraße 15, 33602 Bielefeld, Phone: 0521 –9 67 25-0;
<http://www.altstadt-hotel-bielefeld.de>
- Arcadia-Hotel, Niederwall 31-35, 33602 Bielefeld, Phone: 0521 – 52 53-0,
<http://arcadia-hotel.de/bielefeld/das-hotel.html>
- Charley's House, Kavalleriestr. 9, 33602 Bielefeld (Bed & Breakfast),
<http://www.charlys-house.de>

Speakers

Peter Belmann (de.NBI Cloud, Bielefeld University)

Email: pbelmann@cebitec.uni-bielefeld.de

Steffen Neumann (PhenoMeNal Project, Leibniz Institute of Plant Biochemistry)

Email: sneumann@ipb-halle.de

Alexander Sczyrba (Virus-X Project, Bielefeld University)

Email: asczyrba@cebitec.uni-bielefeld.de

Marius Dieckmann (Bioinformatics and Systems Biology, Justus University Giessen)

Email: Marius.Dieckmann@computational.bio.uni-giessen.de

Liren Huang (SparkHit, Bielefeld University)

Email: huanglr@cebitec.uni-bielefeld.de

Björn Grüning (BioContainers, Bioinformatics Group Freiburg University)

Email: bf@CeBiTec.Uni-Bielefeld.DE

Helena Rasche (Bioinformatics Group Freiburg University)

Email: hxr@informatik.uni-freiburg.de

Lukas Jelonek (Bioinformatics and Systems Biology, Justus University Giessen)

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Johannes Köster (Institute of Human Genetics, University of Duisburg-Essen)

Email: johannes.koester@uni-due.de

Jaime Huerta Cepas (European Molecular Biology Laboratory, Heidelberg (EMBL))

Email: huerta@embl.de

29.10. (13:00 – 18:00): Presentation of use cases

13:00 - 14:00 Welcome

14:00 - 14:30 Introduction (Peter Belmann) [slides](#)

14:30 - 15:00 VirusX (Alexander Sczyrba) [slides](#)

15:00 - 15:30 Snakemake (Johannes Köster) [slides](#)

15:30 - 16:00 Break

16:00 - 16:30 Spark based bioinformatics tools (Liren Huang) [slides](#)

16:30 - 17:00 Nextflow (Lukas Jelonek) [slides](#)

17:00 - 17:30 eggNOG-mapper: large scale functional annotation as an online service (Jaime Huerta Cepas) [slides](#)

17:30 - 18:00 [PhenoMeNal: Phenome and Metabolome aNalysis](#) (Steffen Neumann)

18:00 – 19:00 Chat with your admin!

19:00 - Self paid dinner

If you are interested to join us for (self paid) dinner (29.10), please add your name:

<https://docs.google.com/spreadsheets/d/1eZtPlcYqron3Ay7F9V1ktlFlzPeB2upex3Shw8EEqtY/edit?usp=sharing>

30.10. (09:00 – 17:00): Workshop

9:00 - 12:30 Kubernetes Hands-On Part 1, **Room: G1-106** [slides](#)

9:00 - 10:30 OpenStack Introduction, **Room: G2-104** [slides](#)

10:30 - 11:00 Coffee

11:00 - 12:30 OpenStack CLI/Ansible/Terraform, **Room: G2-104** [Terraform slides](#)

12:30 - 13:30 Lunch

13:30 - 15:00 Using, building and exploring (bio)containers. Hands-On Part 1, **Room: G2-104** [slides](#)

13:30 - 15:00 Kubernetes Hands-On Part 2, **Room: G1-106** [slides](#)

15:00 – 15:30 Coffee

15:30 - 17:00 Using, building and exploring (bio)containers. Hands-On Part 2, **Room: G2-104** [slides](#)

15:30 - 17:00 Kubernetes Hands-On Part 3, **Room: G1-106** [slides](#)

17:00 - 17:30 Bird of a feather

Add a topic and/or add your name to the topics

<https://docs.google.com/document/d/1B0zyv9lQkdHCPfbnzXilq7vtZ1hf-IMkkWnXVx3Mbvl/edit?usp=sharing>

19:00 - Dinner Location <https://goo.gl/maps/o6S4hUFRZGt>

If you like, we will meet 18:45 at the front of the CeBiTec building and go together.

31.10. (09:00 – 13:00): Workshop

09:00 - 10:30 Nextflow Hands – On Part 1 **G2-104** [slides](#)

09:00 - 10:30 Kubernetes/Rancher Hands–On Part 4 **Room: G1-106** [slides](#)

10:30 – 11:00 Coffee

11:00 - 12:30 Nextflow Hands – On Part 2 **G2-104** [slides](#)

11:00 - 12:30 Kubernetes/Rancher Hands–On Part 5 **Room: G1-106** [slides](#)