Issue 2.1/19 - Addendum

de.NBI Quarterly Newsletter

This addendum to de.NBI Quarterly Newsletter from May 2019 informs about additional de.NBI events in the next three months in the project **German Network for Bioinformatics Infrastructure.**

Further information at: https://www.denbi.de/

de.NBI SUMMER SCHOOL 2019 (BIO) DATA SCIENCE

Apply now for the de.NBI Summer School 2019   **Deadline. 5 July 2019**

The life sciences are an important player in the age of Big Data. Modern high-throughput omics technologies produce large quantities of high-dimensional data. Besides new challenges for analyzing and visualizing this amount of research data, also the management and sharing has become an important point in the daily research process. The major goal of the **de.NBI Summer School 2019** is to give an overview about possibilities for a FAIR data sharing and their benefits for data producers as well as data consumers and furthermore to provide a brief introduction to recent technologies to process and inspect these data.

The **5th de.NBI Summer School** on **(Bio)Data Science** takes place **02-06 September 2019** at the **Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) in Gatersleben**.

This training will be of interest to Life Scientists, Bioinformaticians, Computer Scientists, Systems Biologists, Synthetic Biologists and others working or interested in the field of (bio)research data.

The program features lectures and hands-ons about

- FAIR, the FAIR principles, rules, and measuring FAIRness
- Statistics
- Visualization and statistics modeling
- Introduction and Hands-on to KNIME
- GFBio Data Management
- Hands-on de.NBI Cloud computing
- Deep learning and Image Analysis
- FAIR Data Management in labs & data publication
- Data Privacy
- 2 Keynote Lectures (topics tba)

TRAINERS

Martin Eisenacher – Ruhr-University Bochum (RUB)
Alexander Fillbrunn – University of Konstanz
Lukas Jelonek – University of Gießen
Ivaylo Kostadinov – GFBio e.V.
Matthias Lange – Leibniz Institute of Plant Genetics and Crop Plant Research (IPK) Gatersleben
Burkhard Linke – University of Gießen
Axel Mosig – Ruhr-University Bochum (RUB)
Wolfgang Müller – Heidelberg Institute for Theoretical Studies (HITS)
Adrian Nembach – University of Konstanz
Steffen Neumann – Leibniz Institute of Plant Biochemistry (IPB) Halle
Karin Schork – Ruhr-University Bochum (RUB)

The Summer School is organized by Matthias Lange, Daniel Arend and Uwe Scholz at IPK Gatersleben.

Tuition, Accommodation and frame program are supported by de.NBI.

More information and registration at: https://www.denbi.de/training/528-de-nbi-summer-school-2019-bio-data-science
or   https://meetings.ipk-gatersleben.de/denbi-summerschool-2019/

2ND de.NBI CLOUD USER MEETING

The 2nd de.NBI Cloud User Meeting is a 3-day event (03-05 Sep 2019) at BioQuant in Heidelberg for scientists interested in bioinformatics, cloud computing or big data. Due to the diversity of approaches that arise in this exciting and rapidly evolving cloud computing technology niche, this meeting should help to exchange ideas and approaches in the growing de.NBI Cloud Community.

We aim to equip our attendees, from beginner to expert, with comprehensive understanding of the very broad applications and benefits of the de.NBI Cloud. This event is your chance to meet users, developers and administrators of the de.NBI Cloud. We feature topics from introduction or use case talks to simply introduce different technologies (OpenStack, Docker, Kubernetes, Nextflow, ...) to tutorials and workshops that will help you to understand how to actually apply the technology in your research.

Registration is now open!

More information and registration at: https://www.denbi.de/training/622-2nd-de-nbi-cloud-user-meeting

de.NBI @ CONFERENCES

❄ de.NBI supported conferences

Galaxy Community Conference, Freiburg, 1-6 July 2019

Registration is still open!!
Like previous Galaxy Community Conferences, GCC2019 will feature invited keynotes, accepted talks, posters, and demos, birds-of-a-feather gatherings, multiple days of collaborative work, and plenty of opportunities to network with your fellow data-intensive researchers and practitioners. If you are working in data-intensive life science, there is no better place to be!
1 July: Training day featuring numerous parallel introductory training tracks.
2-4 July: Core conference
5-6 July: CollaborationFest, two tracks on
- *Galaxy development (Galaxy Dev):*
- *Galaxy documentation, analysis, and training (Galaxy DAT)*

General information and registration at:
https://www.denbi.de/events/12-galaxy-community-conference- 2019-gcc2019

COMBINE 2019, Heidelberg, 15-19 July 2019

This year´s meeting is organized by the de.NBI-SysBio team at HITS Heidelberg. The "Computational Modeling in Biology Network" (COMBINE) is an initiative to coordinate the development of the various community standards and formats in systems biology, synthetic biology and related fields. COMBINE 2019 will be a workshop-style event with invited lectures, oral presentations and posters, but also reserving enough time for afternoon breakout sessions. The five meeting days will include talks about the COMBINE standards and associated or related standardization efforts, as well as presentations of tools using these standards and similar topics. Some oral presentations will be selected from the abstracts submitted by the attendees. In addition, poster sessions will allow people to inform each other about their software and other projects in a setting that fosters interaction and in-depth discussion. The first day (Monday 15 July) will be a colloquium day celebrating the 10th anniversary of the COMBINE network. One of these is a de.NBI colloquium. Abstract submission closes on 31 May 2019, **registration is possible until 15 June 2019.**

General information and registration at: at: http://co.mbine.org/events/COMBINE_2019

GCB 2019 – German Conference on Bioinformatics, Heidelberg, 16-19 September 2019

Precision Medicine-where Bioinformatics & Medical Informatics meet is the main topic of this year´s conference. The organizers have compiled an attractive panel of speakers that makes the attendance of the meeting attractive. The first day is dedicated to a number of interesting workshops.

de.NBI Partners will teach four tutorials:

- de.NBI showcase: Combining Workflows, Tools and Data Management (W. Müller, de.NBI-SysBio, HITS gGmbH and partners)
- SeqAn3 – a modern C++ library for efficient sequence analysis (R. Rahn, CIBI, FU Berlin)
- Getting started with the de.NBI Cloud (A. Sczyrba, BiGi, Bielefeld University)
- Proteomics and metabolomics with OpenMS and pyOpenMS (T. Sachsenberg, CIBI, University of Tübingen)

General information and registration at: at: https://www.denbi.de/events/548-gcb-2019

UPCOMING EVENTS

The calendar lists the de.NBI training courses and events scheduled in the next months. All offers are accessible via the de.NBI web page. A number of training events are in the pipeline but not yet scheduled. Please consult the de.NBI training program for the actual dates.

Major de.NBI events — Save the Dates

de.NBI SAB Meeting and Plenary Meeting 2020, 13-14 February 2020 in Berlin. The venue is the Seminaris Campus Hotel Berlin. This meeting is the obligatory annual assembly of the de.NBI consortium. The meeting will simultaneously celebrate 5 years of de.NBI. Registration will open by the end of September.

Overview of upcoming de.NBI events

Date	Event	City	Organizer
21 June 2019	Metabolomics Data Clinic	online	CIBI/Mash
23-29 Jun 2019	dais Learnathon 2019	Dresden	CIBI/DAIS
27 Jun 2019	Image Processing & Analysis with ilastik	Heidelberg	HD-HuB
03 Jul 2019	19. CCU Meeting	Bremen	CAU/BioData
01-06 Jul 2019	Galaxy Community Conference 2019 – GCC2019	Freiburg	RBC
15-19 Jul2019	Combine 2019 Conference	Heidelberg	de.NBI-SysBio
16 Jul 2019	An Introduction to ChIP-seq Data Analysis	Hamburg	Training Partner UKE
21-26 Jul 2019	CSAMA 2019 - Statistical Data Analysis for Genome-Scale Biology	Bressanone/ Brixen	HD-HuB
12 Aug 2019	Analyzing metabolic networks with CellNetAnalyzer - MPA	Riga	de.NBI-SysBio

	Date	Event	City	Organizer
♣	02-06 Sep 2019	de.NBI Summer School 2019 - (Bio)Data Science	Gatersleben	GCBN et al.
♣	03-05 Sep 2019	2nd de.NBI Cloud User Meeting	Heidelberg	all cloud locations/CAU
♣	09-13 Sep 2019	Dresden Deep Learning Hackathon	Dresden	CIBI/DAIS
♣	16 Sep 2019	Combining Workflows, Tools and Data Management - GCB 2019	Heidelberg	de.NBI-SysBio
♣	16 Sep 2019	SeqAn3 – a modern C++ library for efficient sequence analysis - GCB 2019	Heidelberg	CIBI
♣	16 Sep 2019	Getting started with the de.NBI Cloud - GCB 2019	Heidelberg	BiGi
♣	18 Sep 2019	Introduction to genome-wide association studies (GWAS) 2019	Kiel	Ass. Partner Kiel
♣	19 Sep 2019	Eukaryote genome annotation workshop 2019	Kiel	Ass. Partner Kiel
♣	23-24 Sep 2019	Protein Structure Fundamentals: Searching – Analyzing – Modeling	Hamburg	BioData
♣	23-27 Sep 2019	8th Galaxy workshop on HTS data analysis	Freiburg	RBC
♣	25-27 Sep 2019	de.NBI - CeBiTec Nanopore Best Practice Workshop 2019	Bielefeld	BiGi
♣	22 Oct 2019	20. CCU Meeting	Bielefeld	CAU/BiGi
♣	23-24 Oct 2019	Introduction to BRENDA and EnzymeStructures	Braunschweig	BioData
♣	31 Oct 2019	COMBINE & de.NBI Tutorial: Modelling and Simulation Tools in Systems Biology – ICSB 2019	Okinawa	de.NBI-SysBio

Further information at: http://www.denbi.de/training

IMPRESSUM

SUBSCRIPTION
If you are interested in receiving regular updates on de.NBI – German Network of Bioinformatics Infrastructure, please subscribe to the de.NBI Quarterly Newsletter at: http://goo.gl/forms/RDHhwQiPR2 .
The mailing list will exclusively be used to distribute the de.NBI Quarterly newsletter.

To unsubscribe from the de.NBI Quarterly Newsletter, please use http://goo.gl/forms/RDHhwQiPR2.

Subscription/unsubscription is also available via http://www.denbi.de

The de.NBI Quarterly Newsletter is a service of de.NBI – German Network for Bioinformatics Infrastructure for members, partners and interested public.
All photos are copyright of the de.NBI administration office if not marked otherwise.