

Unseminars, Hackathons, Communities

Holger Dinkel, Malvika Sharan

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What is a hackathon?

“A hackathon is a design sprint-like event in which computer programmers and others involved in software development, **collaborate** intensively on software projects. The **goal** of a hackathon is to **create usable software or hardware** with the goal of creating a functioning product by the end of the event. Hackathons tend to have a specific focus, which can include the programming language used, the operating system, an application, an API, or the subject and the demographic group of the programmers. In other cases, there is no restriction on the type of software being created.”

Example <https://www.biohackathon-europe.org>

PARIS 2019 November 18th - 22th



What is an Unseminar?

An “Unseminar” is a **participant-driven meeting**, a shorter version of an “unconference”. The content and structure of the events is driven by you! Unlike offering yet-another-seminar (yuck!), an unseminar offers **interactivity** amongst all participants.

HUB (Heidelberg Unseminars in Bioinformatics)

We've been running almost thirty unseminars (2012-2019) as part of HUB - Heidelberg Unseminars in Bioinformatics which is a registered Club (gemeinnütziger eingetragener Verein in Heidelberg) aiming at fostering communication between scientists in the natural sciences.

- ▶ Heidelberg
- ▶ Budapest
- ▶ Berlin
- ▶ Norwich
- ▶ Cape Town
- ▶ as part of conferences such as VizBi or ISMB
- ▶ ...

HUB Heidelberg
Unseminars in
Bioinformatics

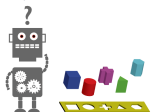
GENDER DIVERSITY



Hörsaal 12, Grabengasse 3-5, Uni Platz
March 8, 18:30-20:30

FOR MORE INFORMATION FROM WWW.HUB-DE.NBI
sponsored by **de.NBI**

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MACHINE LEARNING
BioMed X, Im Neuenheimer Feld 583
December 8, 18:30-20:30 (bring your laptop!)

sponsored by **BioMed** **de.NBI**

HUB Heidelberg
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Bioinformatics



BioQuant 041, Im Neuenheimer Feld 267
Thursday June 9, 18:30-20:30
Refreshments sponsored by **de.NBI**

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**VISUAL PERSPECTIVES
IN SCIENCE**

BioQuant 041, Im Neuenheimer Feld 267
March 8, 19:30-22:00
Refreshments sponsored by **de.NBI**

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HUB 21: Interactive notebooks
Try out programming, Jupyter/Python,
cheminformatics

Please bring your laptop!
January 21, 2016 18:00 - 19:00 pm
Bübel 6, 2nd floor, Im Neuenheimer Feld 553, Heidelberg
www.hub-hub.de

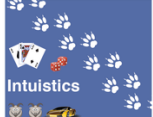
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STORYTELLING IN SCIENCE
Hörsaal 12a, Grabengasse 3-5, Uni Plaza
Dec 8, 18:30-20:30... + Christmas Market!

FOR MORE INFORMATION FROM WWW.HUB-DE.NBI

HUB Heidelberg
Unseminars in
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Thursday May 21, 20:00
DKFZ Communications Center, Im Neuenheimer Feld 280
More info: www.hub-hub.de

HEIDELBERG FORUM
FOR YOUR IDEAS
21st May 2016

HUB Heidelberg
Unseminars in
Bioinformatics



Monday, January 26th, 18.30
Hörsaal 12a, Grabengasse 3-5, Uni Plaza
website: www.hub-hub.de

Twitter: @HUBBioinformatics #Hub_Hub
Hub is a sponsored event meeting place where researchers in
bioinformatics can meet to discuss their work and network with
colleagues from across Heidelberg.

HUB Heidelberg
Unseminars in
Bioinformatics



Thursday December 4, 18:30
Building 217G, Grabengasse 3-5 (University Hospital)
Sign up: www.hub-hub.de

& Christmas Market!

HUB Heidelberg
Unseminars in
Bioinformatics



Thursday November 13, 18:30
Building 217G, Grabengasse 3-5 (University Hospital)
Sign up: www.hub-hub.de

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HUB Heidelberg
Unseminars in
Bioinformatics



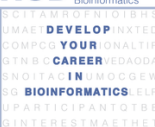
Wednesday October 1, 18:30
COS room 01.00.00, Im Neuenheimer Feld 230, Heidelberg

HUB Heidelberg
Unseminars in
Bioinformatics



Tuesday July 8, 18:30
Building 217G, Grabengasse 3-5 (University Hospital)
Sign up: www.hub-hub.de

HUB Heidelberg
Unseminars in
Bioinformatics



Friday 23rd May 18:30
DKFZ Communications Center, Im Neuenheimer Feld 280
website: www.hub-hub.de
Register here: <http://bioinformatics.eventbrite.com/>
Contact us: hub@hub-hub.de

HUB Heidelberg
Unseminars in
Bioinformatics



March 4, 18:30
BioQuant 041, Im Neuenheimer Feld 267, Heidelberg
Sign up: www.hub-hub.de

**Heidelberg Unseminars
in
Bioinformatics**

Collaborations: Using Git to stay in control
Fun games with version control
Thursday 23rd January | 18:30
Grabengasse 3-5, Ground Floor, Hörsaal 4a



Organizers:
Alexander Bartsch
Benedikt Bräse
Christine Hoyer
Daniel Kasper
Eva Fritsch
Gerrit Kasper
Heidi Kasper
Sven Kasper

Barcelona Unseminars in Bioinformatics

[SUMMER WORKBOOK!](#)[DATA VIZZ – BUB2](#)[WIKIMARATHON – BUB1](#)[ABOUT](#)[CONTACT](#)

About

We are a group of young researchers in bioinformatics aiming to promote the unseminars culture in Barcelona as a tool to share our knowledge (and ignorance!), experiences and interests around biological research and open science. BUB is strongly inspired by [Heidelberg Unseminars in Bioinformatics](#), a forum committed to coordinate a meeting point for bioinformaticians to encourage networking in their community.

Tools

Website/Wiki

Having a central server to announce, discuss, prepare and **share** information helped a lot (we used Mediawiki/Wordpress which worked great, but there are probably better tools these days. . .). Etherpads can be useful too. . .

Mailinglist, Twitter

Useful for getting/keeping in touch with people interested in such events.

Verein

Helped dealing with money issues (financing the server, buying stationaries etc). Took some effort to get set up (legal stuff).

Outcomes: great Community

- ▶ people **having fun** organizing and/or participating in these events
- ▶ people **help each other** with problems at work
- ▶ people **learn** from each other (organized workshops)
- ▶ people finding jobs in labs of other HUB members

Outcomes: two “scientific Publications”

Collaboratively writing an article about organising unseminars/unconferences in bioinformatics such as:

- ▶ “Biggest challenges in bioinformatics.” (PMID:23492829 PMCID:PMC3615659)
- ▶ “Ten simple rules for organizing an unconference.” (PMID:25633715 PMCID:PMC4310607)

EMBO
reports

meeting point
meeting point

Biggest challenges in bioinformatics

Jonathan C. Fuller, Pierre Khouri, Holger Dinkel, Kristoffer Forslund, Alexandros Stamatakis, Joseph Barry, Aidan Budd, Theodoros G. Soldatos, Katja Linssen, Abdul Mateen Rajput & HUB Participants

The third Heidelberg Unseminars in Bioinformatics (HUB) was held on 18th October 2012, at Heidelberg University, Germany. HUB brought together around 40 bioinformaticians from academia and industry to discuss the ‘Biggest Challenges in Bioinformatics’ in a ‘World Café’ style event.



EDITORIAL

Ten Simple Rules for Organizing an Unconference

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Discuss about HUB

is this concept relevant to YOU?