

iDiv Conference 8-9 Oct 2020

Dear iDiv colleagues,

We are pleased to invite you to this year's iDiv conference, kicking off iDiv's new research agenda.

iDiv Conference 2020 – Biodiversity post-2020

Date: 8 & 9 October 2020 (see preliminary schedule below)

Venue: online

The goal of this year's conference is doing science together and kicking-off the 3rd funding phase, i.e. discussing approaches and planning next steps. It will be important to show to the DFG, the public and the scientific community that within the bridge year we can already provide first projects and results with regard to our new research questions, strategic projects, and support units.

To achieve this, we will facilitate hands-on workshop sessions, with less presentations and more interactive formats. We will structure the contributions along the 18 questions in the iDiv renewal proposal, the strategic projects and support units. Based on demand, we may focus on a selected set of questions and projects.

In addition, the conference will include the **2020 GMA** for all members.

Important dates:

Session submission deadline:	03 August
Confirmation letters:	21 August
Registration open:	28 August
Registration closed:	21 September

In case of any questions, please contact iDiv-conference@idiv.de

We hope to welcome you all in October at our iDiv conference!

Yours, the Organizing Committee

Aletta Bonn (chair), Anna Heintz-Buschart, Ute Jandt, Kati Kietzmann
Miguel Mahecha, Henrique Pereira, Christiane Roscher, Rebecca Thier-Lange

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Breakout / workshop sessions

This year's hands-on conference focusses on the facilitation of 90-min workshops / breakouts in four time slots. When submitting a workshop proposal, please pick a question (see below), or a strategic project or a support unit. Please apply with a title and a 250-word abstract for a specific goal aligned with the phase III programme to collaboratively develop either:

- a joint work programme
- a paper idea or
- analysis etc.

Workshops could tackle specific research projects within these questions. Every session needs at least two chairs who can moderate and record the results. We highly appreciate workshops with two chairs from different research groups. Workshops may be run by members, by project PIs as well as by postdocs; experienced PhDs are welcome to contribute. Important will be to facilitate concrete progress.

We expect the following workshop format: max 1-3 short intro talks of 3-5 minutes, the rest as interactive work. Please identify how you want to facilitate the discussions and what material you need (flipcharts, google doc, Miro online whiteboard, fishbowl discussions etc).

We are planning an on-site event if possible. Depending on future developments we may, however, need to revise our decision. The conference and all workshops will be open to all iDivians, while booking of workshop participants will be needed. We encourage workshop leaders to get in touch with potential participants beforehand, so they can register for the relevant sessions. This might make sessions more productive. External participants are welcome if they are connected with the iDiv research project. We recommend group sizes of up to 10 people.

Questions:

Research Area **Biodiversity Change**:

1. How can we improve biodiversity change detection?
2. When, where and how is biodiversity changing?
3. How are anthropogenic drivers leading to biodiversity change?
4. What are the mechanisms and consequences of biodiversity change?

Research Area **Molecular Biodiversity and Adaptation**:

5. Which chemicals drive organismal interactions and adaptation to environmental change?
6. What are the molecular mechanisms underlying functional links in highly diverse microbiomes and their hosts?
7. How does environmental change impact the evolutionary processes underpinning local adaptation, population structure and speciation?

Research Area **Biodiversity and Complexity:**

8. How do functional traits of individuals and the environment determine fitness, coexistence and community composition?
9. How do biotic interactions and the ecological networks they generate drive community composition and biodiversity across trophic levels?
10. Which processes drive the emergence of biodiversity patterns across spatial scales from local communities over metacommunities to biomes?
11. How does evolutionary diversification influence the broad-scale assembly and composition of biomes?

Research Area **Biodiversity and Ecosystem Functioning:**

12. How do biotic interactions drive BEF relationships?
13. How does community assembly influence biodiversity and the functioning of ecosystems (CAFÉ)?
14. How does the environmental and biotic context influence BEF relationships when scaling from experiments to landscapes?

Research Area **Biodiversity and Society:**

15. How does society benefit from biodiversity?
16. How does society drive biodiversity change?
17. How to develop integrative targets for positive biodiversity futures?
18. How to govern biodiversity-friendly change?

If you cannot relate your workshop to any of the research questions, strategic projects or a support units but you are sure that there will be a sufficient number of people interested in your topic, the committee might still consider your proposal.

Preliminary programme

8 Oct 2020

- 10.00 Welcome presentation & goals of break-out sessions
- 11.00 - 12.30 break-out groups I
- 12.30 - 13.30 lunch
- 13.30 - 15.00 break-out groups II
- 15.00 - 15.30 tea & coffee
- 15.30 - 17.00 GMA & book-a-colleague (1-1 meetings for non-members)
- 17.00 - 17.30 recap of breakouts (1 min each)
- 18.00 - 22.00 Social event / party

9 Oct 2020

- 09.00 - 10.30 break-out groups III
- 10.30 - 11.00 tea & coffee
- 11.00 - 12.30 break-out groups IV (& Book-a-colleague session?)
- 12.30 - 13.00 lunch
- 13.00 Recap of breakouts (1 min each, have rolling slides) & farewell
- 14.00 end

Please submit your workshop proposal via LimeSurvey:

<https://umfrage.uni-leipzig.de/index.php/971478?lang=en>