



Göttingen, 13th of July, 2023

Dear CiBreed community,

Today, you receive this CiBreed newsletter because we would like to inform you about the latest developments at the Center for Integrated Breeding Research.

UPCOMING EVENTS

Save the date for this year's CiBreed Fall Workshop

This year's workshop will be organized by the *Department of Forest Genetics and Forest Tree Breeding* under the leadership of Prof. Oliver Gailing. The workshop will be held in the Alfred Hessel Hall in the historic building of the Göttingen State and University Library (Papendiek 14, 37073 Göttingen).

Program

As keynote speaker for the session **“Forest Genomics and Breeding”**, we invited *Pär Ingvarsson* from the Swedish University of Agricultural Sciences (SLU). Keynote speaker of the session **“Climate change”** will be *Henrik Hartmann* from the Julius-Kühn Institut & Georg-August-Universität Göttingen. In the sessions **„Innovative Technologies”** and **„Phenomics”**, *Elizabeth Ross* from the University of Queensland and *Stefan Paulus* from the Institute for sugar beet research (IfZ) will give the keynote.

5th CiBreed Fall Workshop

October 11 & 12, 2023

- *Facing the future* -



Registration and abstract submission

We are looking forward to your contributions to our conference and invite you to share your latest research with the CiBreed community by giving a short (15 + 5 min) oral presentation. Instructions about the abstract submission and registration can be found on our website.

PAST EVENTS

CiBreed Week 2023: March 28 - 31, 2023

During CiBreed week, the various departments associated with CiBreed offer lab tours, presentations or events of any kind. Our CiBreed week this year took place from the 28th of March until the 31st of March. It started with a tour at the department of Forest Genetics. Then, a trip to IPK Gatersleben was organized to visit the gene bank facilities and different high-throughput phenotyping platforms. Furthermore, the participants visited the lab of the division of functional breeding. The week ended with a festive BBQ.

Day 1



Day 2



Day 3



Day 4



CiBreed Seminar Series Summer Term 2023: July 28, 2023



The talk from the CiBreed Seminar Series this summer semester took place on Friday, July 28th from 10.15 until 11.45 am in L01 (Von-Siebold-Str. 6, 37075 Göttingen). Our guest lecturer was *Jedrzej Sysmanski*, research group leader at the IPK, Gatersleben and FZ Jülich Germany. The topic of the talk was "Functional annotation of gene structural variation in plants using big data and deep learning".

Introducing the new CiBreed director

This year, Prof. Stefan Scholten was elected as the new CiBreed Director. Most of you might already know him. Nevertheless, we decided to introduce him again as the new director with a short interview:



1. What inspired you to become director of CiBreed, and what are your primary goals for the center?

I am a molecular geneticist and my major interest is function and regulation of genes. Nearly 20 years ago, I learned that the integration of molecular with quantitative genetics is very fruitful with my first breeding related project. It was about prediction of hybrid performance by RNA data and provided at the same time mechanistic insights into hybrid vigor. CiBreed's main mission is the integration of different branches of research and interdisciplinarity is exactly the right direction

to enhance breeding. It is highly inspiring and rewarding to support breeding this way, since breeding is pivotal for the transformation of agricultural systems required towards sustainability. My immediate goal for the center is to optimize the working conditions for breeding. This includes, for example, work on the configuration of the new greenhouse facilities and the field experimental station, which both and in combination provide unique opportunities for high-end research at our university.

2. How do you plan to advance CiBreed's mission to integrate current breeding research from the different CiBreed divisions?

Key to enhance integration and cooperation is communication. With the CiBreed Workshop, the CiBreed Week, and the CiBreed Seminar Series we have very good formats, suitable for exchange on different levels with external partners and experts as well as within CiBreed. From my own experience I can tell that these formats work and I encourage all CiBreed members to make use of them.

3. Could you share any specific initiatives or projects you plan to undertake to enhance collaboration and knowledge exchange within CiBreed?

I want to broaden the scope of the CiBreed Seminar Series by the integration of internal presentations. Beside the invitation of external speakers, I would like us to learn more about and discuss current research projects and ideas within CiBreed. PhD students carry out most of the actual research work. Thus, their contribution would be a very good plus to the exchange. Of course, post-docs and division heads are also welcome to contribute.

The CiCom-Team

FOLLOW US



Cibreed communications team

Carl-Sprengel-Weg 1

cibreed.communication@uni-goettingen.de

