



**Invitation to the special LIVESEED & ECO-PB Organic Breeders Day**  
in cooperation with the EUCARPIA Symposium on Breeding for Diversification  
on the **21st February 2018** from 9:00 till 17:00  
at the University of Kassel, **Witzenhausen, Germany**

**General objective**

The Organic Breeder Days is specifically dedicated to innovations, different approaches and examples of practical breeders and farmer breeders. We also want to introduce and discuss the concept of system based breeding integrating in a more holistic way different concepts of community-based breeding, ecosystem-based breeding, trait-based breeding, and corporate-based breeding in order to achieve important sustainability goals.

The Organic Breeders Day is part of the symposium on Breeding for Diversification organised by EUCARPIA Section Organic & Low-input Agriculture, ECO-PB, DIVERSify, INSUSFAR, HealthyMinorCereals, LIVESEED, and ReMIX.

- Topic:** **Morning Sessions:** Examples of **practical experience** of innovations in organic plant breeding.  
**Afternoon Workshop:** Develop common future vision and paradigm change for a more integrated **systems-based breeding concept**
- For whom:** We invite practical breeders, farmer breeders, seed networks, seed companies **engaged in organic breeding or seed production** and interested stakeholders to discuss with us new concepts of plant breeding
- Venue:** University of Kassel, Faculty of Organic Agricultural Sciences, Steinstraße 19, 37213 Witzenhausen, Germany.
- Costs:** Costs are included in registration fee of the EUCARPIA Symposium on Breeding for Diversification (19<sup>th</sup> – 21<sup>st</sup> February). **For participants only attending the Organic Breeders Day on 21<sup>st</sup> Feb 2018** there is a fee of €30,- including lunch. In case of only attending this Breeders Day: Please use a separate registration link.  
<https://anmeldeservice.fibl.org/event/organic-breeders-day> "

**Accommodation:** Please arrange your own hotel accommodation, see “Detailed Information for Symposium Participants with hotels list and travel description”:  
[http://eucarpia.ditsl.org/docs/Information for Symposium Participants.pdf](http://eucarpia.ditsl.org/docs/Information_for_Symposium_Participants.pdf)

**Travel and accommodation compensation:**  
In the scope of LIVESEED we can offer travel subsidies for participants to the Organic Breeders Day which otherwise could not attend. Priority will be given to participants from Mediterranean and Eastern European Countries (please contact: [E.Lammerts@louisbolk.nl](mailto:E.Lammerts@louisbolk.nl))

**Organisers Organic Breeders Day:**  
Edith Lammerts van Bueren (Louis Bolk Institute-NL) and  
Monika Messmer (FiBL-CH) on behalf of Eucarpia/ECO-  
PB/LIVESEED

**Registration for whole Symposium 19<sup>th</sup> – 21<sup>st</sup> Feb 2018, including Breeders Day:**  
<https://anmeldeservice.fibl.org/event/symposium-on-breeding-for-diversification>

**Registration in case ONLY attending Organic Breeders Day on 21<sup>st</sup> Feb 2018:**  
<https://anmeldeservice.fibl.org/event/organic-breeders-day>

**Symposium homepage:** <http://eucarpia.ditsl.org/>

**Program Organic Breeders Day:** see next page (page 3)

## Preliminary program Organic Breeders Day

**Wednesday 21. February 2018**

**ECO-PB/EUCARPIA/LIVESEED Session on Examples of Innovations in Organic Plant Breeding**  
First hand information from practical breeders (moderated by Monika Messmer)

- 9.00 - 9.05**      **Welcome to the Organic Breeders Day**
- 9.05 - 9.25**      **Karl-Josef Müller, Cereal Breeding Research Darzau, Germany:** Experiences with diversity in cereals during 30 years of organic breeding and their challenges
- 9.25 - 9.45**      **Anders Borgen, Agrologica, Denmark:** Breeding with focus on all aspects of diversity, including my experiences with development of populations in self pollinating cereals
- 9.45 – 10.05**    **Kathrin Buhmann & Carl Vollenweider, Forschung & Züchtung Dottenfelderhof, Germany:** Breeding methods, performance and adaptation of open-pollinating maize populations
- 10.05 – 10.25**   **Gebhard Rossmannith, Bingenheimer Saatgut, Germany:** Vegetable breeding of Kultursaat
- 10.30 - 11.00**   *Coffee Break*
- 11.00 – 11.20**   **Noemi Uehlinger, Sativa Rheinau AG:** Choice of selection procedures in the improvement of genetically broad vegetable populations
- 11.20 – 11.40**   Short presentation of organic breeding initiatives or breeding for organic by participants (3 min each)
- 11.40 – 12.00**   General discussion
- 12.00 - 13.00**   *Lunch (included in registration fee)*

### **Afternoon Workshop**

Open LIVESEED/EUCARPIA/ECO-PB workshop on new concepts and strategies for organic plant breeding with the world-café interactive sessions to further develop various aspects of systems-based breeding concept, followed by conclusions and further steps.

- 13.00-14.00**    Introduction to the concept of systems-based breeding by Edith Lammerts van Bueren
- 14.00-14.20**   Group work to apply concept on your own breeding activities

**14.20-15.20** World Café (3 x 20 min) on how to achieve paradigm shift in breeding to reach sustainability goals (food security and safety, food and seed sovereignty, social justice, agrobiodiversity, ecosystem services, and climate robustness) (first round); how to improve knowledge development and integration, the right breeding strategies and tools, and entrepreneurship (second round); and action needed to change attitude based on corporate responsibility, circular economy and true cost accounting, and fair and green policies (third round)

**15.20 - 15.40** *Coffee Break*

**15.40-16.10** Presentation World Café results

**16.10-17.00** General discussions on the systems-based breeding concepts, challenges and action needed, examples to illustrate the concept and definition of a roadmap to substantiate the concept and achieve paradigm shift in attitude

**19:00** *Dinner and social gathering (at your own cost, restaurant is already reserved for us)*

**(Thursday 22. February 2018 8.30 - 12.30:** ECO-PB General Assembly. Other Project meetings: To be announced within projects)