
Current Challenges in Plant Breeding

5th annual seminar of the SGPW-SSA Working Group on Plant Breeding

Tuesday, January 26, 2021, 11:00 - 16:00
Online via Zoom

On behalf of the SGPW-SSA Working Group on Plant Breeding, we kindly invite you to attend the fifth working group seminar on „Breeding for the Challenges of Tomorrow“.

Plant breeding can play a fundamental role in mitigating the imminent challenges posed to agriculture by changing climatic conditions, increasing demand for sustainably produced food and feed and changing consumer behaviour. But are the currently improved crops and traits appropriate to meet these challenges? How can we effectively develop cultivars adapted to increasing drought or heat stress? How can modern plant breeding contribute to reduce agriculture's harmful effects on the environment? Are our current cultivars sufficiently adapted for the production systems of the future?

This seminar addresses these questions. It is also part of the ETH lecture „Current Challenges in Plant Breeding“, where we aim to bring together MSc and doctoral students with national and international experts in plant breeding to discuss current activities, latest achievements and future perspectives. Therefore, the students will give their view on „Climate-Smart Crops“, „Reducing Pesticide Use through Plant Breeding“ and „Breeding for Alternative Production Systems“.

To complement the students' presentations, we have assembled a selection of very interesting keynote presentations by eminent speakers such as Peter Langridge (University of Adelaide, Australia), Enid Katungi (Alliance of Bioversity International and CIAT, Uganda) and Willmar Leiser (University of Hohenheim, Germany).

Please register before 24.01.2021 under <https://bit.ly/CCPB21>.

We are looking forward to an interesting seminar.

Best regards,

Bruno Studer

Program

	Welcome and introduction
11:00 - 11:10	Bruno Studer (ETH Zurich)
	Climate-smart crops
11:10 - 11:30	Olivia Zumsteg, Maria Wiederkehr, Tonghui Li, Sibilla Guillén, Fabienne Bürki (tutor: Andreas Hund, ETH Zurich)
11:30 - 12:15	Peter Langridge (University of Adelaide, Australia)
12:15 - 13:15	<i>Lunch break</i>
	Reducing pesticide use through plant breeding
13:15 - 13:35	Salisa Ziebart, Jonathan Ohnmacht, Hanna Neuenschwander, Louise Humbert, Nicolin Caflisch (tutor: Beat Keller, ETH Zurich/Agroscope)
13:35 - 14:20	Enid Katungi (Alliance of Bioversity International and CIAT, Uganda)
14:20 - 14:25	<i>Very short break</i>
	Breeding for alternative production systems
14:25 - 14:45	Inea Lehner, Luc Gujer, Florian Galbier, Tilika Chamberlin (tutor: Samuel Wuest, Agroscope)
14:45 - 15:30	Willmar Leiser (University of Hohenheim, Germany)
15:30 - 16:00	Concluding discussion, end of the seminar

Registration

Please register before 24.01.2021 under <https://bit.ly/CCPB21>. Link to the Zoom meeting will be sent to registered participants shortly before the seminar.

Kindly supported by