

## Monday 12th September

12:00 18:00 Registration

### OPENING SESSION

16:00 16:30 Welcome by organizers

16:30 17:15 **OPENING LECTURE: A faba bean pan-genome for advancing sustainable protein security.** [Alan H. Schulman](#) (University of Helsinki, FI)

17:15 18:00 **PLENARY LECTURE: Applied genomics and green biotech: redefining specialty crop improvement for the future.** [Gary E. Vallad](#) (University of Florida, USA)

18:00 21:00 Welcome reception

## Tuesday 13th September

08:30 12:00 Registration

**SESSION 1** **CUTTING EDGE PLANT BIOLOGY**, Chair: [Ivo Frébort](#) (CATRIN UP, Czech Republic)

09:00 09:30 Keynote lecture: **Engineering brassinosteroid signalling in the plant vasculature: a tactical solution to combat climate change.** [Ana Caño-Delgado](#) (CRAG Barcelona, Spain)

09:30 09:45 Flash posters

09:45 10:00 Short talk

10:00 10:15 Short talk

10:15 10:45 Coffee break

**SESSION 2** **GENOME EDITING IN CROPS**, Chair: [Aleš Pečinka](#) (IEB AS CR, Czech Republic)

10:45 11:15 Keynote lecture: **Using crop genome dynamics for stress adaptation and the challenges in breeding innovation Europe.** [Etienne Bucher](#) (Crop Genome Dynamics Group, Agroscope, Switzerland)

11:15 11:30 Flash posters

11:30 11:45 Short talk: [Petra Jorasch](#) (Euroseeds, Brussels, Belgium)

11:45 12:00 Short talk

12:00 13:30 Lunch, networking, poster viewing

**SESSION 3** **EMERGING TRENDS IN FOOD BIOTECHNOLOGY**, Chair: [Wolfram Brück](#) (HES-SO Valais Wallis, Switzerland)

13:30 14:00 Keynote lecture: **Future-proof biotechnologies for sustainable dietary transition.** [Emanuele Zannini](#) (University College Cork, Ireland)

14:00 14:15 Flash posters

14:15 14:30 Short talk

14:30 14:45 Short talk

14:45 15:15 Coffee break

### PANEL DEBATE

15:15 16:00 **WOMEN IN AGRICULTURE**, Moderator: [Ana Caño-Delgado](#) (CRAG Barcelona, Spain)

## POSTER SESSION

16:00 17:00 Poster viewing and discussion

## Wednesday 14th September

**SESSION 4** **BIOECONOMY AND CIRCULAR ECONOMY**, [Eva Cudlínová](#) (University of South Bohemia; Vice-President of the Bioeconomy Platform of the Czech Republic)

09:00 09:30 Keynote lecture: **Why is background and definition of Bioeconomy important for a transition to a New Economy.** [Martin Greimel and Bernhard Kastner](#) (BOKU Vienna, Austria)

09:30 09:45 Flash posters

09:45 10:00 Short talk

10:00 10:15 Short talk

10:15 10:45 *Coffee break*

**SESSION 5** **INDUSTRY MEETS ACADEMIA**, Chair: [Esteban Alcalde](#) (Syngenta, Belgium)

10:45 11:30 Short presentations (*Zeiss, Euroseeds, Syngenta ...*)

11:30 12:00 Panel debate of the participants

12:00 13:30 *Lunch. networking, poster viewing*

**SESSION 6** **BIOINSPIRED ENERGY CAPTURE AND STORAGE**, Chair: [Radek Zbořil](#) (CATRIN UP, Czech Republic)

13:30 14:00 Keynote lecture: **From energy gatherers to energy farmers. The new era of energy vectors.** [Pedro Gomez](#) (Catalan Institute of Nanoscience and Nanotechnology, Barcelona, Spain)

14:00 14:15 Flash posters

14:15 14:30 Short talk

14:30 14:45 Short talk

14:45 15:15 *Coffee break*

## PANEL DEBATE

15:15 16:00 **SUSTAINABILITY IN AGRICULTURE AND FOOD SYSTEMS**  
Moderator: [Kirsten Luxbacher](#) (Agricultural Attaché, U.S. Embassy Berlin)

## POSTER SESSION

16:00 17:00 Poster viewing and discussion

## NETWORKING EVENT

18:00 21:00 *Campus Holice, networking and a guided tour to CATRIN facilities*

## Thursday 15th September

**SESSION 7****GREEN DEAL**, *Chair: Michaela Holecová*

09:00	09:30	Keynote lecture: <b>CO<sub>2</sub> Czech Solution</b> , <a href="#">Leoš Gál</a> ( <i>CTP Biofuels, Prague, Czech Republic</i> )
09:30	09:45	Flash posters
09:45	10:00	Short talk
10:00	10:15	Short talk
<i>10:15</i>	<i>10:45</i>	<i>Coffee break</i>

**CLOSING SESSION**

10:45	11:30	Keynote lecture: <b>Towards a climate effective bioeconomy- Using precision synthetic biotechnology tools for conversion of CO<sub>2</sub> and chemically complex biomass to sustainable platform chemicals and material entities.</b> <a href="#">Thomas Brück</a> ( <i>Technical University of Munich, Germany</i> )
11:30	12:00	<b>Closing remarks</b>