

Detailed preliminary scientific program (July 3 - 7, 2022)

July 4, Monday

8:30 - 9:00

Opening session of the IBGS13 with addresses of representatives of LOC, IOC, the Institute of Agricultural Resources, the Latvia Ministry of Agriculture

9:00-10:30

Session 1 - The barley genome: from reference genome to structure and function (Chair: Dr. Nils Stein, Gatersleben, DE)

Dr. Martin Mascher, IPK Gatersleben, Germany – **Keynote lecture: Pangenomics in barley and beyond**

Regular talk 1

Regular talk 2

Regular talk 3

10:30 - 11:00 Coffee break

11:00 - 12:30

Session 2 - Biotic stresses under Climate Change (Chair: Dr. Robert S. Brueggeman, Washington State University, USA)

Dr. Brian J. Steffenson, Department of Plant Pathology, University of Minnesota, USA - **Keynote lecture: To be announced**

Regular talk 1

Regular talk 2

Regular talk 3

12:30 - 13:30 Lunch

13:30 - 15:00

Session 3 - Abiotic stresses under Climate Change (Chair: Dr. Ernesto Igartua, EEAD-CSIC, ES)

Dr. Sergey Shabala, School of Agricultural Science, University of Tasmania, AU- **Keynote lecture: Cell-based phenotyping approach for improving abiotic stress tolerance in barley**

Regular talk 1

Regular talk 2

Regular talk 3

15:00 - 15.30 Coffee break

15:30 - 17:00

Session 4 - Barley breeding and NBTs: a way forward? (Chairs: Dr. Wendy Harwood, John Innes Centre, UK; Dr. Kevin Smith, University of Minnesota, USA)

Keynote: To be announced

Regular talk 1

Regular talk 2

Regular talk 3

17:00 - 18:00 Poster session 1

18.00- 19.30 Evening Workshop 1

19:30 Dinner (on your own)

July 5, Tuesday

8:30 - 10:00

Session 5 - Barley breeding: success stories (Chair: Dr. Ahmed Jahoor, Nordic Seed, DK)

Birger Eriksen, Sejet Plant Breeding, DK - **Keynote lecture: To be announced**

Regular talk 1

Regular talk 2

Regular talk 3

10:00 - 10:30 Coffee break

10:30-12:00

Session 6 - Genetics and breeding of biomass (Resources use efficiency/RUE) (Chair: Dr. Klaus Pillen, Martin Luther University, Halle-Wittenberg, Halle, DE)

Dr. Daniel Julio Miralles, University of Buenos Aires, AR - **Keynote lecture: What were the physiological attributes modified by the breeders**

Regular talk 1

Regular talk 2

Regular talk 3

12:00 - 13:00 Lunch

13:00 - 14:30

Session 7 - Barley end use: food, feed, and novel products (Chair: Dr. Kim Hebelstrup, Aarhus University, DK)

Keynote: To be announced

Regular talk 1

Regular talk 2

Regular talk 3

14:30 - 15.00 Coffee break

15:00 - 17:00

Session 8 - Flash and dash presentations (Chair: Dr. Chiara Campoli, University of Dundee, Scotland, UK)

Up to 10 talks by PhD students and postdocs selected from submitted abstracts

17:00 - 18:00 Poster session 2

18.00- 19.30 Evening Workshop 2

19:30 Dinner (on your own)

July 6, Wednesday**8.30-10.00****Session 9 - Barley end use: cheers for malting, brewing, and beverages (Chair. Dr. Christoph Dockter, Carlsberg Research Laboratory, Copenhagen, DK)****Dr. Christoph Dockter**, Carlsberg Research Laboratory, DK- **Keynote lecture:** To be announced

Regular talk 1

Regular talk 2

Regular talk 3

10:00 - 10:30 Coffee break**10:30-12:00****Session 10 - Genetic and database resources: harnessing diversity (Chair. Dr. Robbie Waugh, James Hutton Institute, Dundee, Scotland, UK; Dr. Mats Hansson, Lund University, SW)****Dr. Nils Stein**, IPK Gatersleben, DE - **Keynote lecture:** *At the dark side of barley diversity - the gap between discovery and user-friendly access*Selected plenary speaker: **Dr. Elena Khlestkina**, N. I. Vavilov All-Russian Institute of Plant Genetic Resources (VIR), St. Petersburg, Russia -
Lecture title: *VIR small grains collections development: emphasis on barley*

Regular talk 2

Regular talk 3

12:00 - 13:00 Lunch**13:00 - 15.00****Session 11 Morphology, phenology, and development (Chair. Dr. Laura Rossini, University of Milan, Milan, IT)****Dr. Maria von Korff**, Institute of Plant Genetics, Heinrich-Heine-University, Düsseldorf, DE - **Keynote lecture:** To be announced

Regular talk 1

Regular talk 2

Regular talk 3

14:30 - 15.00 Coffee break**15:00 - 17:00****Session 12 - Baltic and Nordic barley: a regional perspective (Chair. Dr. Søren K. Rasmussen, University of Copenhagen, DK)****Dr. Therése Bengtsson**, Swedish University of Agricultural Sciences, Alnarp, SE - **Keynote lecture:** *Together we are stronger- United forces to promote Nordic pre-breeding in spring barley*

Regular talk 1

Regular talk 2

Regular talk 3

17:00 - 18:00 Poster session 3**18.00- 19.30** Evening Workshop 3**19:30** Dinner (on your own)