

Virtual Conference Agenda

Start (BST)	Finish (BST)	Presenter details
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Monday, 18 October 2021

13:00 13:10 Welcome

Scientific Programme Committee:

[*Joy Bergelson, University of Chicago, USA*](#)

[*Kirsten Bomblies, ETH Zurich, Switzerland*](#)

[*Michele Morgante, University of Udine, Italy*](#)

[*Cristobal Uauy, John Innes Centre, UK*](#)

13:10 13:55 Keynote 1

Introduction to the session

Chair: Joy Bergelson, University of Chicago, USA

13:10 13:40 Some interesting questions about plants that we can now hope to answer using genome sequences

[*Deborah Charlesworth, University of Edinburgh, UK*](#)

13:40 13:55 Q&A

Chair: Joy Bergelson, University of Chicago, USA

Moderator: Kirsten Bomblies, ETH Zurich, Switzerland

13:55 14:15 Break and Networking - meet the keynote

14:15 15:45 Session 1: Genomics of Polyploidy

Introduction to the session

Chair: Kirsten Bomblies, ETH Zurich, Switzerland

14:15 14:35 Polyploidy in Siberian *Arabidopsis lyrata*

[*Polina Novikova, MPI Cologne, Germany*](#)

14:35 14:55 Ecological and evolutionary consequences of hybridisation and polyploidy in invasive monkeyflowers

[*Mario Vallejo-Marin, University of Stirling, UK*](#)

14:55 15:05 Short talk selected from abstracts

Monday, 18 October 2021 continued

15:05 15:15 Short talk selected from abstracts

15:15 15:45 Q&A

Chair: Kirsten Bomblies, ETH Zurich, Switzerland

Moderator: Cristobal Uauy, John Innes Centre, UK

15:45 16:15 Break and Networking - meet the speakers

16:15 17:30 Poster Session I

16:15 16:30 Poster session I lightning talks

16:30 17:00 Poster session I - Poster viewing and Q&A

17:00 17:30 Poster session 1 - interactive Spatial Session

17:30 17:40 Break

17:40 19:30 Session 2: Abiotic Adaptation

Introduction to the session

Chair: Michele Morgante, University of Udine, Italy

17:40 18:00 Evolutionary genetics of stomata-related climate change-adaptation through space and time
[Patricia Lang, Stanford University, USA](#)

18:00 18:20 Genomics and phenomics in wheat underpinning food security
[Matthew Reynolds, CIMMYT, Mexico](#)

18:20 18:40 Root Cell Type Development to Counteract Abiotic Stress
[Siobhan Brady, University of California, Davis, USA](#)

18:40 18:50 Short talk

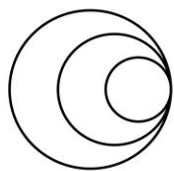
18:50 19:00 Short talk

19:00 19:30 Q&A

Chair: TBC

Moderator: TBC

19:30 20:00 Networking - meet the speakers



Tuesday, 19 October 2021

13:00 14:30 Session 3: Biotic Interactions

Introduction to the session

Chair: Joy Bergelson, University of Chicago, USA

13:00 13:20 Variation patterns of NLR clusters across plant species
[Eunyoung Chae, National University of Singapore, Singapore](#)

13:20 13:40 Demography and its effect on plant pathogen genomes
[Eva Stukenbrock, University of Keil, Germany](#)

13:40 13:50 Short talk

13:50 14:00 Short talk

14:00 14:30 Q&A
Chair: Joy Bergelson, University of Chicago, USA
Moderator: Cristobal Uauy, John Innes Centre, UK

14:30 15:00 Break and Networking - meet the speakers

15:00 16:15 Poster Session II

15:00 15:15 Poster session II lightning talks

15:15 15:45 Poster session II - poster viewing and Q&A

15:45 16:15 Poster session II - interactive Spatial session

16:15 16:25 Break

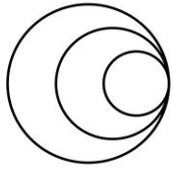
16:25 17:55 Session 4: Emerging Technology

Introduction to the session

Chair: Michele Morgante, University of Udine, Italy

16:25 16:45 Talk title TBC
[Amos Tanay, Weizman Institute, Israel](#)

16:45 17:05 Overcoming bottlenecks in editing plant genomes
[Dan Voytas, University of Minnesota, USA](#)



Tuesday, 19 October 2021 continued

17:05 17:15 Short talk

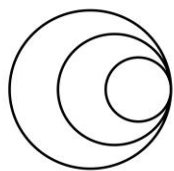
17:15 17:25 Short talk

17:25 17:55 Q&A

Chair: Michele Morgante, University of Udine, Italy

Moderator: Kirsten Bomblies, ETH Zurich, Switzerland

17:45 18:15 Networking - meet the speakers



Wednesday, 20 October 2021

13:00 14:50 Session 5: Plant Evolutionary Genomics

Introduction to the session

Chair: Joy Bergelson, University of Chicago, USA

13:00 13:20 Parental conflict and the rapid evolution of reproductive isolation in *Mimulus*

[*Andrea Sweigart, Institute of Molecular Plant Biology, Switzerland*](#)

13:20 13:40 The molecular and genetic basis of maize landrace local adaptation

[*Ruben Rellán-Alvarez, NC State, USA*](#)

13:40 14:00 Revisiting the role of structural variation in plant adaptation and speciation

[*Loren Rieseberg, University of British Columbia, Canada*](#)

14:00 14:10 Short talk

14:10 14:20 Short talk

14:20 14:50 Q&A

Chair: Joy Bergelson, University of Chicago, USA

Moderator: Cristobal Uauy, John Innes Centre, UK

14:50 15:20 Break and Networking - meet the speakers

15:20 16:05 Keynote 2

Introduction to the session

Chair: Cristobal Uauy, John Innes Centre, UK

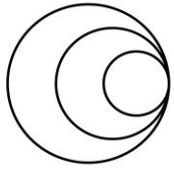
15:20 15:50 Tuning genes, Genomes and Traits in Plants and Agriculture

[*Zachary Lippman, CSHL, USA*](#)

15:50 16:05 Q&A

Chair: Cristobal Uauy, John Innes Centre, UK

Moderator: Michele Morgante, University of Udine, Italy



Wednesday, 20 October 2021 continued

16:05 16:25 Break and Networking - meet the keynote

16:25 16:35 Closing remarks

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