



WHEAT CONGRESS

Workshop 9: Genebank Genomics

Sunday, 22 September 2024

Perth Conference & Exhibition Centre (PCEC), Perth, Western Australia

Meeting Room 1, PCEC

Tentative Program		
Sunday, 22 September 2024		
Time	Co-Chairs: Dr Matthew Hayden, Agriculture Victoria Research/La Trobe University Australia Prof Andreas Graner, Leibniz Institute of Plant Genetics and Crop Plant Research, Germany	
13:00 – 13:10	Introduction	
13:10 – 13:30	Genomics-informed prebreeding unlocks the diversity in genebanks for wheat improvement	Dr Martin Mascher IPK Gatersleben, Germany
13:30 – 13:50	The Australian grains genebank enters the genomics era	Mr Gabriel Keeble-Gagnere Agriculture Victoria, Australia
13:50 – 14:10	Choosing and using genebank genomic resources to enable long-term analysis of CAIGE bread wheat trials	Dr Nicholas Fradgley Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia
14:10 – 14:30	Management and Utilization of Plant Genetic Resources in India	Dr Gyanendra Pratap Singh National Bureau of Plant Genetic Resources (NBPGR), India
14:30 – 14:50	Tea/Coffee break	
14:50 – 15:10	Chromosome-scale assembly of <i>Triticum timopheevii</i> enables identification of new introgressions in wheat	Dr Surbhi Grewal University of Nottingham, UK
15:10 – 15:30	Recreating adaptive traits in exotic germplasm to support pre-breeding in wheat	Dr Sateesh Kagale National Research Council Canada, Canada

15:30 – 15:50	Wheat's genetic diversity - maintenance and research	Prof Andreas Börner Leibniz Institute of Plant Genetics and Crop Plant Research, Germany
15:50 – 16:10	Wheat mutant resources enhance discovery of novel genes and functional genomics	Dr Huijun Guo Chinese Academy of Agricultural Sciences (CAAS), China
16:10 – 16:15	Closing remarks by Co-Chairs	