




WWC 3RD INTERNATIONAL
WHEAT CONGRESS

Workshop 4: Phenotyping of Complex Traits

Sunday, 22 September 2024

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

Meeting Room 6, PCEC

Tentative Program		
Sunday, 22 September 2024		
Time	Co-Chairs: A/Prof Bettina Berger, University of Adelaide, Australia Prof Nicola Pecchioni, CREA Council for Agricultural research and Economics, Italy Prof Zhong-Hua Chen, Western Sydney University, Australia	
09:00 – 09:10	Introduction	
09:10 – 09:30	Supporting Wheat Breeding in Canada with High-throughput Phenotyping	Dr Adam Carter Crop Development Centre, University of Saskatchewan, Canada
09:30 – 09:50	Phenotyping chloroplast traits to screen for salt tolerance in wheat	Dr Jayakumar Bose Western Sydney University, Australia
09:50 – 10:10	Variability in root morphological traits and drought tolerance in winter wheat	Dr Yinglong Chen The University of Western Australia, Australia
10:10 – 10:30	Advancements and future prospects in wheat phenotyping	Dr Alexis Comar Hiphen, France
10:30 – 10:50	Tea/Coffee break	
10:50 – 11:10	Designing climate-smart wheat	A/Prof Karine Chenu The University of Queensland, Australia
11:10 – 11:30	Building the OZ wheat genome-to-phenome platform for the wheat research community	Dr Jessica Hyles CSIRO, Australia
11:30 – 11:50	Identifying tolerant wheat varieties under heat and drought stresses at anthesis	Dr Jingjuan Zhang Murdoch University, Australia

11:50 – 12:10	Spectral-genomic chain-model approach enhances wheat yield components prediction under mediterranean climate	Mr Roy Sadeh Hebrew University, Israel
12:10 – 12:15	Closing remarks by Co-Chairs	