




**3RD INTERNATIONAL
WHEAT CONGRESS**

Workshop 14: Physiological insights informing breeding and agronomy

Sunday, 22 September 2024

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

Meeting Room 8, PCEC

Tentative Program		
Sunday, 22 September 2024		
Time	Co-Chairs: Dr Dion Nicol, DPIRD, Western Australia, Australia Dr Cathrine Ingvordson, Australian Grains Technologies, Australia	
13:00 – 13:05	Introduction	
13:05 – 13:25	Wheat yield relationships in Western Australia	Dr Dion Nicol Department of Primary Industries and Regional Development (DPIRD), Australia
13:25 – 13:45	Yield and resilience of wheat in southern Chile	Dr Daniel Calderini Universidad Austral de Chile, Chile
13:45 – 14:05	The relevance of sink strength in determining wheat yield	Prof Gustavo Slafer University of Lleida – ICREA, Spain
14:05 – 14:25	N uptake dynamics of high—and low-protein wheat genotypes	Dr Amanda de Oliveira Silva Oklahoma State University, USA
14:25 – 14:45	Tea/Coffee break	
14:45 – 15:05	Wheat phenotypes for frugal agriculture	Dr Victor Sadras, South Australian R&D Institute, Australia
15:05 – 15:25	Accelerated integration of physiology-based wheat traits within a commercial breeding programme – learnings from the project	Dr Cathrine Ingvordsen Australian Grain Technologies, Australia
15:25 – 15:40	Physiological approaches to breeding and use of Plant Genetic Resources	Dr Matthew Reynolds CIMMYT, Mexico
15:40 – 16:10	How do we make physiology have impact?	Everyone

16:10 – 16:15

Closing remarks by Co-Chairs