

WRI Research Showcase Webinar – Friday 4 December 2020

PROGRAM

1.00pm Start

Professor Matt Gilliam - welcome and introduction

1.05 Session 1

1.05 Professor Chris Preston (AFW) – *A dud or Adonis: sizing up resistance management strategies*

1.15 A/Professor Tara Pukala (Chemistry) – *From trash to treasure: characterising bioactive anthocyanins in food waste*

1.25 Dr Scott Boden (AFW) – *Knowing when and how to flower in wheat and oat*

1.35 Dr Bettina Berger (AFW) – *OzBarley – From genome to phenome and back*

1.45 Professor Mike McLaughlin (AFW) – *How food ingredients can improve fertilizers*

1.55 Q&A (all speakers)

2.05 Short break (10 mins)

2.15 Session 2

2.15 Dr Peter Appleford (SARDI) – *SARDI/PIRSA-UA affiliate arrangements*

2.25 Dr Mark Krstic (AWRI) – *Pepper and spice; insights into rotundone and terroir*

2.35 Dr Rick Llewellyn (CSIRO) – *From precision cropping to precision grazing*

2.40 Professor Rachel Ankeny (Arts) – *Community perceptions on gene editing in livestock*

2.45 Dr Stephen Lee (AVS) – *Objective assessment of embryos*

2.50 Dr Lenka Malek (GFAR) – *Consumer food behaviour research at GFAR; keeping an eye on consumers*

2.55 Q&A (All speakers)

3.05 Short break (10mins)

3.15 Session 3

3.15 Dr Melissa Garcia (AFW) – *Faba Bean Breeding at UA*

3.20 Dr Nathan Watson-Haigh (SA Genomics Centre) – *Genomes: transitioning from draft quality, to reference quality, to population level representations and beyond*

3.25 Dr Mario Fruzangohar (Biometry Hub) – *Collaborative big data science in plant breeding research*

3.30 Dr Rakesh David (AFW) – *Old data, new insights; historical crop data through the lens of Machine Learning*

3.35 Dr Ariel Ferrante (AFW) – *Innovation in frost screening with terahertz technology*

3.40 Q&A (All speakers)

3.50 Professor Matt Gilliam – wrap up, publication and APPS photo competition awards announced

4.00pm Finish