

Workshop | Data Analytics for Food Safety | 19 June 2018

Jet Park Hotel & Conference Centre, 63 Westney Road, Mangere, Auckland

Programme

- 9.00 Registration opens
- 9.30 Welcome | **Nigel French**, NZFSSRC and **Brent Young**, University of Auckland

Session One | The potential of data analytics

- 9.35 Data analytics for complex systems | **Shaun Hendy**, Te Pūnaha Matatini
- 9.55 The role packaging can play in enabling supply chain transparency for food safety | **Lou Sherman**, Scion
- 10.10 Emerging sensing technologies for heavy metal detection in agricultural soils | **Pierre Roudier**, Landcare
- 10.25 Data science and food safety | **Gill Dobbie**, University of Auckland
- 10.40 Q&A and Panel Discussion
- 11.00 Morning tea**

Session Two | Government and legal perspective on data analytics including blockchain

- 11.20 Blockchain and the supply chain | **Alex Sims**, University of Auckland
- 11.40 Big data and analytics in food safety | **Timothy Armitage**, Ministry of Primary Industries
- 12.00 Public Sector Perspective - data and analytics | **Xuxu Wang**, PriceWaterhouseCoopers(PwC)
- 12.20 Q&A and Panel Discussion
- 12.40 Lunch**

Session Three | International and Industry Perspective on data analytics

- 1.30 Data analytics and food safety: an Australian industry perspective | **Anne Astin**, FoodAgility
- 1.50 Connectivity and IoT: An Australian red meat livestock perspective | **Sean Starling**, MLA
- 2.10 Use of big data and analytics for food safety and quality | **Steve Holroyd** Fonterra R&D
- 2.25 Big data in industrial milk powder process systems | **Brent Young**, University of Auckland
- 2.40 Q&A and Panel Discussion
- 3.00 Afternoon Tea**

Workshop and networking

- 3.20 Workshop on development of a clear plan for a programme of research
- 4.25 Closing remarks
- 5.00 Close of day | Networking

Co-hosted by the New Zealand Food Safety Science and Research Centre and the University of Auckland.



Please note that this programme is subject to change and will be updated as further details are confirmed.