



Day program 6 September 2018

Breakthroughs in breeding

Category	Date	Time:	Location
1号论坛 - 亚洲水果商务论坛	2018年9月5日 - 2018年9月6日	11:00 - 12:00	1号论坛

Advances in breeding technology mean that new and better varieties are being developed faster. We look at some of the key breakthroughs and ask what they mean for the future of the global fresh produce business? How can suppliers and retailers ensure they have access to the best IP?

Declan Graham, Plant & Food Research (New Zealand)

Maximising cold chain investments

Category	Date	Time:	Location
2号论坛 - 亚洲冷链物流大会	2018年9月6日	10:30 - 13:00	2号论坛

How strong is the coldchain really? Fresh produce requires the best possible temperature control throughout the logistics chain from the moment the products are packed right up to the moment they are consumed sometimes in distant markets. How can technological developments become the catalysts of change?

Introduction and chair

Alex von Stempel, Managing Director, Freshwater Logistics Ltd., UK

(10:30 - 10:55)

- **The need for coldchain efficiency and investment - an ocean carrier's perspective** What are the key- drivers for better cold chain visibility, connectivity and digitization?
- Blockchain technology
- IoT track and trace

Plus: Fixed asset investment

Jeremy Nixon, CEO, Ocean Network Express, Japan

(10:55 - 11:15)

Cold chain investment

Fu Zhaoyu, Deputy general manager of Dalian Port Yidu Cold chain and general manager of Zhengzhou airport Yidu Cold Chain, China

(11:15 - 11:35)

New logistics platforms for new distribution needs

- Physical Logistics platforms for urban food distribution needs
- space-efficient vertical storage

Alfred Cheung, Founder and Director, JC Food Republic (formerly head of reefers at OOCL), China

(11:35 - 11:55)

Case-study: Packaging and logistics



Multichannel supply chain reality requires an innovative approach to packaging.

- The kiwiberry coldchain

Willem Kokkeel, InnoFresh, Netherlands

(11:55 - 13:00)

Panel discussion with speakers

Speaker:

[Alfred Cheung](#), Founder & Director, JC Food Republic, Hong Kong

[Willem Kokkeel](#), InnoFresh, Netherlands

Packaging for preservation

Category	Date	Time:	Location
1号论坛 - 亚洲水果商务论坛	2018年9月6日	11:00 - 12:00	1号论坛

From modified atmosphere packaging to heat-sealed trays and punnets, we look at the latest packaging technologies to help fresh produce last longer.

Gary Ward, Stepac (Israel)

Mauro Stipa, Ilip (Italy)

Packaging under pressure?

Category	Date	Time:	Location
1号论坛 - 亚洲水果商务论坛	2018年9月6日	13:00 - 14:00	1号论坛

The use of packaging in fresh produce has come under pressure as the 'war on waste' gathers momentum. How can packaging justify its role? What kind of sustainable packaging solutions are on offer?

Fabio Zoboli, Infia (Italy)

Robotics for Horti / Horti for Robotics

Category	Date	Time:	Location
2号论坛 - 亚洲智能园艺大会	2018年9月6日	14:00 - 16:30	2号论坛

More and more robots are being developed for use in the greenhouse. But how far have we come with this development? Are these robots ready to be used in "the real world"? Are our crops ready for robots i.e. can robots help the way we grow right now or do we need to develop new plant structures and growing methods first?

(14:00 - 14:15)

Introduction on robotics

Harij Schmeitz, Chairman of Smart Horticulture Asia

(14:15 - 14:45)



Challenges in building robots for Horticulture

Building a robot for greenhouse crops looks easy. All the technology is there so it should work, right? But often it doesn't. One of the reasons is that, for robots, working with a living object is different from working in a steady environment. Prof. Beardmaker elaborates on his experiences with robotics in horticulture and the do's and don'ts in this environment.

Josse De Baerdemaeker, Division of Mechatronics, Biostatistics and Sensors (MeBioS), University of Leuven, Belgium

(14:45 - 15:15)

Strawberry: let's pick it!

Octinion is one of the startup companies working on one of the first robots for picking strawberries. How far has this development come? What will it mean for growers? And for the crop?

Tom Coen, CEO Octinion bvba, Belgium

(15:15 - 15:45)

Tomato picking: disruption the cultivation

Panasonic Corporation パナソニック株式会社, the world's biggest producer of electronics, is working on a new robot that is designed to pick tomatoes in the greenhouse. Panasonic unveiled this autonomous tomato picker in Tokyo at the end of 2017. But is this robot ready for disrupting the cultivation? And if not: what more is needed to get there?

Ryo Toshima, Staff Engineer, Panasonic Corporation パナソニック株式会社, Japan

(15:45 - 16:30)

Robots for fruit & vegetable: what's next?

The Australian Centre for Field Robotics has been developing robotics and data analytic tools for agriculture. RIPPA™ is a production prototype for the vegetable growing industry and has been used in tree crops. The Digital FarmHand is a low budget robot for small scale farmers, and SwagBot has been used for the grazing livestock industry. But how far developed are these robots and when will they be market-ready?

Prof. Salah Sukkareih, Professor of Robotics and Intelligent Systems, University of Sydney/Australian Centre for Field Robotics, Australia

Precision grading: packed to perfection

Category	Date	Time:	Location
1号论坛 - 亚洲水果商务论坛	2018年9月6日	15:00 - 16:00	1号论坛

Packing and grading systems are evolving rapidly to deliver produce packed to ever-higher quality standards. Some of the leading companies in the field share the latest advances with a particular focus on sorting internal quality.

Luca Montanari, Unitec (Italy)

Michael Williams, J-Tech Systems (Australia)