



## 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 infrastructure and cold chain opportunities

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

#### Moderation:

*Alex von Stempel, Managing Director of Freshwater Logistics Ltd.*

(10:30-10:50)

#### Port Infrastructure: Port and hinterland investment strategy

(10:50-11:10)

#### Cold chain investment

(11:10-11:30)

#### Operational logistics case study

(11:30-11:50)

#### 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*

(11:50-12:30)

#### Case-study: Packaging and logistics

Multichannel supply chain reality requires an innovative approach to packaging

- The kiwiberry coldchain

*Willem Kokkeel, InnoFresh*

(12:30-13:00)

#### Panel discussion

##### Speaker:

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

[Willem Kokkeel](#)



## 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)*

## 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?

## 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?**

### Introduction on robotics (15 min)

*H. Schmeitz, Chairman of Smart Horticulture Asia*

### Challenges in building robots for Horticulture (30 min)

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.

*Division of Mechatronics, Biostatistics and Sensors (MeBioS), University of Leuven, Belgium*

### Strawberry: let's pick it! (30 min)

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?

*T. Coen, CEO Octinion bvba, Belgium*

### Tomato picking: disruption the cultivation (30 min)

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*

### Robots for fruit & vegetable: what's next? (45 min)

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. S. 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)*