

## Winners of the EurAgEng Outstanding Paper Awards, 2020

We are pleased to announce the winners of the 2020 awards. The shortlist was probably the strongest there has been since the awards began, and we congratulate the authors of all shortlisted papers, but particularly the three winners:

### **Crop signalling: A novel crop recognition technique for robotic weed control**

**Rekha Raja**, David C. Slaughter, Steven A. Fennimore, Thuy T. Nguyen, Vivian L. Vuong, Neelima Sinha, Laura Tourte, Richard F. Smith, Mark C. Siemens

[Biosystems Engineering, Volume 187, November 2019, Pages 278-291](#)

### **Model selection with a common structure: Tomato crop growth models**

**Wouter J.P. Kuijpers**, Marinus J.G. van de Molengraft, Simon van Mourik, Albertus van 't Ooster, Silke Hemming, Eldert J. van Henten.

[Biosystems Engineering, Volume 187, November 2019, Pages 247-257](#)

### **Robotic kiwifruit harvesting using machine vision, convolutional neural networks, and robotic arms**

**Henry A.M. Williams**, **Mark H. Jones**, Mahla Nejati, Matthew J. Seabright, Jamie Bell, Nicky D. Penhall, Josh J. Barnett, Mike D. Duke, Alistair J. Scarfe, Ho Seok Ahn, JongYoon Lim, Bruce A. MacDonald

[Biosystems Engineering, Volume 181, May 2019, Pages 140-156](#)