

**INNOHORT WORKSHOP (AVIGNON UNIVERSITY, FRANCE; JUNE 8-12, 2015)**

**Early yield prediction for horticultural fruit crops**

Convenors: L. Damerow, M. Blanke, University of Bonn, Germany

The Workshop includes the following research areas:

- tree canopy recognition
- fruit recognition in tree canopy
- image analysis, NVDI and remote sensing in horticulture
- recognition of harvested fruit in a combine and/or on a sorting belt
- monitoring fruit flowers
- growth models; apple, pears, mango, citrus, blueberry

**Aim:** Presentation. overview and discussion of algorithms to recognise fruit load at early developmental stages for subsequent yield prediction of fruit crops including recognition of the harvested commodity on combines or trucks for warehouses, transport and processing facilities as well as supermarket chains, fruit stores

**Anticipated duration:** 1.5 hour; Thursday

**Expected attendees:** maximum 10 contributions and 20 additional participants

If you have any questions regarding this workshop, please contact conveners.