

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

**New approaches to thinning of horticultural fruit crops**

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

The Workshop includes the following research areas:

- flower and fruit recognition
- mechanical approaches
- mechatronics: water, air pressure, nozzles
- modelling June drop (Greene model)
- image analysis and data processing for flower/fruit removal
- crop load management (CLM)
- integrative crop load regulation concepts

**Aim:** Presentation, overview and discussion of physiological background and new technologies and concepts of thinning flower buds (including flower bud extinction), flowers, fruitlets or fruits of apple, pear, plum, peach, apricot etc. in order to improve fruit quality (fruit size, sugar, taste, colouration) and overcome and/or prevent biennial or alternate bearing (change of years with high and low yield).

**Anticipated duration:** 1.5 hour

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

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