

**WORKSHOP PROGRAM**  
**“FLORAL BIOLOGY AND SELF-INCOMPATIBILITY IN FRUIT SPECIES”**

**Session 1 - Phase transition and flower development** (Speakers and titles)

(Coordinator A. Ramina)

- 1) L. Colombo et al. – Dept. of Biology, University of Milano  
Phase transition and flower development in fruit tree species.
- 2) H. Flachowsky and V. Hanke, Pillnitz Dresden Institute for Genetic and Breeding  
Genetic and molecular control of flowering time in apple
- 3) P. K. Boss, CSIRO, Glen Osmond, Australia  
Dwarfing and floral induction in *Vitis vinifera*.
- 4) G. Barcaccia, A. Botton, G. Galla, L. Baldoni, G. Perrotta, A. Ramina, University of Padova and Verona; CNR-IGV, Perugia  
Comparative genomics for identifying flower organ identity genes in peach and olive
- 5) M. Fleishman, Deciduous fruit trees under global warming: flower development and fruit set

**Session 2 – Self-incompatibility** (Coordinator S. Sansavini)

- 1) L. Dondini, S. Sansavini – DCA, University of Bologna  
Introduction. Gametophytic incompatibility in pome and stone fruits: genes controlling S-locus
- 2) M. Goldway – MIGAL, Galilee Technological Center Tel-Hai Academic College, Israele  
Genotyping of S-locus: role of the RNasi stylar determinants in pear
- 3) J. Sanzol – Unidad de Fruticultura, CITA-Aragón, Zaragoza, Spagna  
Mechanism controlling self-fertility on pears
- 4) H. Sassa – Graduate School of Horticulture, Chiba University, Giappone  
S-locus structure in apple
- 5) P. De Franceschi, L. Dondini – DCA, University of Bologna  
Structure conservation of S-locus and synteny among *Pyrinae* species
- 6) R. Tao – Kyoto University, Giappone  
S-locus mutation and self-fertility on stone fruits
- 7) A. Hegedus – Corvinus University of Budapest, Ungheria  
S-locus genotyping on stone fruit populations
- 8) S. Collani, F. Alagna, C. Colao, G. Galla, A. Ramina, L. Baldoni, G. Perrotta, R. Muleo, G. Barcaccia G. – University of Padova, Verona, Viterbo; CNR of Perugia  
Self-incompatibility in olive: a new hypothesis on the S-locus genes controlling

pollen-pistil interaction

- 9) D. Serafini Fracassini – Dipartimento di Biologia, Università di Bologna  
TGase role and relationships with incompatibility
- 10) G. Cai – Dipartimento Scienze Ambientali, Università di Siena  
Selfincompatibility and pollen cytoskeleton
- 11) M. Davey, W. Keulemans – Catholic University of Leuven, Heverlee, Belgio  
Genetic transformation for silencing S-locus; research progress