

October 30th 2018, Pisa

International Workshop

Carbon Sequestration in Horticultural Crops

Aula Magna Storica, Scuola Superiore Sant'Anna

Programme

- 9:00** - Registration
- 9:30** - Welcome address
- 9:45** - Plenary Lecture: Following the carbon: from molecules to mountains - Phil Ineson, *University of York, UK*
- 10:30** - Carbon fluxes in pomefruit and stonefruit orchards - Damiano Zanotelli and Massimo Tagliavini, *Libera Università di Bolzano, Italy*
- 10:55** - Break
- 11:15** - Carbon sequestration and partitioning in vineyards - Andrea Pitacco, Nadia Vendrame, Luca Tezza, *Università di Padova, Italy*
- 11:40** - Carbon sequestration in olive orchards - Luca Testi, *CSIC-Cordoba, Spain*
- 12:05** - Life Cycle Assessment, a balance between inputs and outputs. Focus on greenhouse vegetable production - Assumpció Antón, *IRTA, Caldes de Montbui, Barcelona, Spain*
- 12:30** - Break
- 14:00** - Impacts of global change on Mediterranean-type forest ecosystems and their carbon sequestration potential - Roberto Tognetti, *Università del Molise, Italy*
- 14:25** - Closing the picture: the Carbon footprint of the apple from the field to the market - Damiano Zanotelli and Massimo Tagliavini, *Libera Università di Bolzano, Italy*
- 14:40** - Using sap flow measurements to estimate assimilation rates of fruit trees - Álvaro López-Bernal, Omar García-Tejera, Luca Testi, Francisco Villalobos - *Universidad de Cordoba, Departamento de Agronomía, Cordoba, Spain*
- 14:55** - CO₂ fluxes in two vineyards of Northern Italy: effect of soil management - Nadia Vendrame, Luca Tezza, *Università di Padova, Italy*
- 15:10** - Conservation tillage and nitrogen fertilization affect soil aggregate distribution, carbon storage and enzymatic activities - Gaia Piazza, Elisa Pellegrino, Laura Ercoli - *Institute of Life Sciences, Scuola Superiore Sant'Anna, Pisa, Italy*
- 15:25** - Discussion and Conclusions