

International Workshop

October 30th 2018, Pisa

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