UNIVERSITÀ DI PISA

Progetto di Ricerca di Ateneo 2020-2022

"Boosting plant tolerance to insect pests through UV light exposure and mycorrhizal symbionts"

15 Novembre 2022

9:00

Aula Magna

Dipartimento di Scienze Agrarie, Alimentari e Agro-ambientali

Via del Borghetto 80, 56124 Pisa (PI)

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DIPARTIMENTO DI SCIENZE AGRARIE ALIMENTARI E AGRO-AMBIENTALI
UNIVERSITÀ DI PISA
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Program

h 9.00-9.15 Prof. Marcello Mele, Director of DISAAA - Opening

h 9.15-9.30 Prof. Giovanni Benelli - The University of Pisa Project's "Boosting plant tolerance to insect pests through UV light exposure and mycorrhizal symbionts"

h 9.30-10.00 Dr. Marco Santin, Sofia Panzani and Prof. Annamaria Ranieri – UV-B radiation as booster of the phenolic-dependent antioxidant machinery in lettuce and pea plants

h 10.00-10.15 Dr. Valeria Zeni and Prof. Giovanni Benelli – Feeding behavior of a polyphagous moth pest on lettuce exposed to UV light exposure and mycorrhizal symbionts

h 10.15-10.30 Dr. Margherita Marmugi, Prof. A. Canale and Prof. A. Lucchi – Impact of UV light exposure and mycorrhizal symbionts on polyphagous aphids

h 10.30-10:45 Proff. Alessandra Turrini, Monica Agnolucci, Luciano Avio –Mycorrhizal inoculation and root colonization of *Lactuca sativa* and *Pisum sativum* exposed to UV light

h 10.45-11.15 Coffee break

h 11.15-11.30 Prof. Monica Ruffini Castiglione – May UV light and mycorrhization help lettuce to face with stress? A morpho-histochemical approach

h 11.30-12.00 Prof. Guido Flamini and Dr.ssa Ylenia Pieracci – The effect of UV-B exposure and mycorrhization on *Lactuca sativa* L. volatile fingerprint

h 12.00 Discussion and Conclusion