



1st European Conference of Post graduate Horticulture Scientists

May 12 - 13, 2016
Palermo - Italy

Conveners
Prof. Paolo Inglese & Dr. Giorgia Liguori



May 12, 2016

08:30 - 09:00 Registration

09:00 - 09:15 Opening

09:15 - 09:45 - Plenary Lecture

Silvana Nicola, University of Turin, Vice-President ISHS
Horticultural Science, Scientists, People: loop or link?

Session I - Plant physiology & response to abiotic factors

chair: Dr- Bart Van der Wal

10:00 - 10:25

D'Asaro A., Reig Valor C., Farina V., Agustí Fonfria M.

Factors affecting fruit set and early flowers/fruit drop in avocado (*Persea americana* Mill.).

10:25 - 10:50

Di Stasio E., Roupheal Y., Raimondi G., Giordano M., De Pascale S.

Influence of seaweed-derived biostimulant on 'friariello' growth, photosynthesis and nutrition value under nutrient stress

10:50 - 11:40

Coffee Break/Poster Session I

11:40 - 12:05

Vermeiren J., Stoffels K., Van Delm T., Steppe K.

Effects of LED assimilation lighting on everbearing strawberry plants monitored with leaf clips

12:05 - 12:30

de Koning A.N., Tsafaras I.

Real-time comparison of measured and simulated crop transpiration in greenhouse process control

12:30 - 12:55

Vaštakaitė V., Viršilė A., Brazaitytė A., Samuolienė G., Jankauskienė J., Sirtautas R., Duchovskis P.

The effects of supplemental light-emitting diodes lighting on mineral element contents in microgreens

12:55 - 13:20

Lauriks Fran S., Van de Put Hans A.L., Steppe K.

Towards drought detection and irrigation scheduling in ornamentals with continuous plant-based measurements

13:30 - 15:00

Lunch

15:00 - 15:30 - Plenary Lecture

Mark Rieger – Dean University of Delaware, College of Agriculture and Natural Resources (CANR)
Study abroad from the perspective of US institutions

Session II - Plant Propagation

chair: Dr. Pietro Gramazio

15:30 - 15:55

Hameg R., Barreal M.E., Gallego P. P.

Improving quality of micropropagated Baby Kiwi (*Actinidia arguta* var *Issai*) plantlets using a neurofuzzy logic approach

15:55 - 16:20

Kulus D., Rewers M., Mikula A.

Encapsulation-dehydration technique exploration for chrysanthemum 'Richmond' cryopreservation

16:20 - 16:45

Opata J., Skala J., Hegele M., Hegele S., Dzomeku B. M., Wünsche J.

In vivo multiplication of banana for small scale farmers

16:45 - 17:10

Sabatino L.

Use of un-rooted grafted cuttings for eggplant plug-transplant production and shipping: effect of the grafting-healing duration on the finished transplants

17:20 - 18:20 - Workshop

Chair: B. Basile, University of Naples

The Impact of Innovations in Horticulture

20:00 Banquet

May 13, 2016

08:30 - 09:00 Plenary Lecture

Jens Wuensche, University of Hohenheim, ISHS Board Member

ISHS and young minds - a future-oriented relationship

Session III - Phytochemical constituents & quality of horticultural produce

chair: Dr. Giuseppe Pignata

09:00 - 09:25

Barroso M., Barros L., Rodrigues M. Â, Sousa M. J., Santos-Buelga C., Ferreira I.

Antioxidant profile of Stevia rebaudiana Bertoni cultivated in Portugal and submitted to different conservation conditions

09:25 - 09:50

Georgoudaki T., Nanos G. D., Mitsopoulou N., Vemmos S.

Field variability in fruit quality and storability of Greek apple cultivar 'Pilafa Delicious'

09:50 - 10:15

Nagy Z., Jahnke G., Nyitrai S., Sardy D., Kallay M., Majer J.

Compared analysis by HPLC, AAS and TAC for woodland grape (*Vitis silvestris* Gmel.) genotypes and European grapevine (*Vitis vinifera* L.) cultivars

10:15 - 10:40

Rafique M. Z., Palmieri L., Fraser P. D., Martens S.

Flavonoid's pathways block step and yellow pigmentation in raspberries (*Rubus idaeus* L.)

10:40 - 11:05

Simões Grilo E., Di Stefano V., Lo Bianco R.

Effect of partial rootzone drying and maturation stage on quality and flavonoid composition of 'Valencia' orange fruit

11:05 - 11:55

Coffee Break/Poster Session II

Session IV - Plant pathology, plant protection & plant-microbe interaction

chair: Dr. Michael H. Hagemann

11:55 - 12:20

Lantos E.

Comparison of penetration and feeding behavior of Green peach aphid (*Myzus persicae*) on *Asparagus* spp. susceptible and resistant to *Asparagus virus 1* using electrical penetration graph

12:20 - 12:45

Michalko J., Medo J., Bibeň T., Barta M.

Diversity of endophytic microbial communities inside the leaves of evergreen plants

12:45 - 13:10

Ar Rashid H., Thomas B.

Genetic regulation of day length adaptation and bulb formation in onion (*Allium cepa* L.)

13:30 – 15:00

Lunch

Session IV - Plant pathology, plant protection & plant-microbe interaction

chair: *Dr. Michael H. Hagemann*

15:00 - 15:25

Rasiukevičiūtė N., Valiuškaitė A., Supronienė S.

Challenges of strawberry protection from grey mould

Session V - Genetic Resources & molecular aspects on horticultural products

chair: *Dr. Michael H. Hagemann*

15:25 - 15:50

Gramazio P., Borràs D., Vilanova S., Plazas M., Herraiz F. J., Prohens J.

Evaluation of genetic diversity and relationships in African eggplants using EST-SSR markers

15:50 - 16:15

Röper A. C., Christensen B.

Intergeneric hybridization between advanced *Spinacia oleracea* and *Beta vulgaris* to enhance product quality of *Spinacia oleracea*

16:30 - 17:00

Conference closing and prize giving

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Symposium Secretariat

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