



SYMPOSIA

S02 POSTHARVEST

New poster added:

Poster Session 2 Postharvest II

Poster | The Effect of Savory and Eucalyptus Essential Oils on Postharvest Decay of Grape Berry (cv. Perlette)
Mortazavi, M. H.; Lotfi, H.; Zahedi, M. | S02.501

Poster Session 3 Postharvest III

Poster | Development of Plant Mucilages-Derived Nanoparticles and Its Application as an Edible Coating to Extend Shelf-Life of Cucumber (*Cucumis sativus* L.)
Azizi, M. | S02.502

S03 GREENHOUSE 2010

New oral presentation added:

Session 2 Greenhouse Production Systems II - Environmental Impact. Greenhouse Residues and Wastes. Recycling

SP | Influence of Different Soilless Culture Systems on Cantaloupe Growth, Productivity and Fruit Quality under Protected Cultivation
El-Tanahy, A. M.; El-Beairy, U. A.; Sinaer, S. M.; Abou-Hadid, A. | S03.333

New posters added:

Poster Session 2 Greenhouse 2010 II

Poster | Doses of Nitrogen and Potassium Fertigation Cabbage in Greenhouse Culture
Feitosa Filho, J. C.; Botrel, T. A.; Pinto, J. M.; Camargo, A.P. | S03.331

Poster | Evaluation of Nitrogen and Potassium Fertigation of Staked Watermelon in Greenhouse
Feitosa Filho, J. C.; Botrel, T. A.; Cavalcante, L. F.; Camargo, A. P. | S03.332

S04 GENOMICS

Changed from oral to short presentation:

Session 4 Functional Genomics of Horticultural Crops III

14.26 - SP | Investigating Anthocyanin Production in Two Phenotypes of 'Bon Rouge' *Pyrus communis*, L. by High Throughput Transcriptome Sequencing
Du Preez, M. G.; Rees, J. D. | S04.031

Session 7 Genomics-Level Validation with Transgenic Technologies

14.15 - SP | Allergen Expression in Control and Transgenic Apple Trees
Paris, R.; Pagliarani, G.; Tartarini, S.; Sansavini, S. | S04.055

New poster added:

Poster Session 3 Functional Genomics of Horticultural Crops

Poster | Expression of Miarf2, a Mango Auxin Response Factor Like Gene, and the Adventitious Root Formation
Huang, X. L.; Chen, Q. Z.; Wu, B.; Li, Y. H.; Chen, Y. F.; Huang, X.; Li, X. J. | S04.066

Changed from Poster Session 2 to Poster Session 3

Poster | Evaluation of RNA Quality for Reliable qPCR Assays in Squash (*Cucurbita pepo*) Fruit
González-Verdejo, C. I.; Gómez, P.; Peña, F.; Nadal, S.; Román, B. | S04.265

S06 MED FRUITS & NUTS

New oral presentations added:

Session 1 Biodiversity and Genetics I

11.50 - Oral | Study of Some Morphological and Biochemical Characteristics of 10 Iranian Local Pomegranate (*Punica granatum* L.) Cultivars
Beigi, F.; Abdossi, V.; Ghasemi, A. A. | S06.050

Session 5 Horticulture and Propagation II

SP | Leaf Nutrient Status of Major Apple Growing Area of Kashmir Valley-1i :Dangiwacha and Rohama Block
Ahmad, M. F.; Sofi, K. A. | S06.051

New poster added:



Poster Session 3 Ecophysiology, Quality, Disease and Pest

Poster | Impact of Superabsorbent and Organic-Mineral Fertilizer on Growth and Yielding of Sweet Cherry Trees
Szwonek, E. | **S06.322**

S07 FAV HEALTH

New orals presentations added:

Session 1 OECD Seminar - Breeding Fruit and Vegetables for Health

12.12 – Oral | Consumer Attitudes to Health in Fruit and Vegetables
Lähteenmäki, L. | **S07.301**

Session 6 Fruit and Vegetables and Their Effect on the Bodies Oxidation Network

11.00 – Inv. Speaker | The Bioavailability of Dietary Phenolic and Polyphenolic Compounds
Barberan, T. | **S07.043**

Changed from Poster Session 3 to Poster Session 2

Poster | Master Document: Criteria and Benchmarks for the Evaluation of Food Included in the Spanish Recommendations of Fruit and Vegetable Consumption "5 a Day"
Moñino, M.; Cervera, P.; Baladía, E.; Marques-Lopes, I.; Miret, F.; Russolillo, G.; Farrán, A.; Martínez, A.; Astiasarán, I.; Palou, A.; Ballesteros, J. M.; Salas, J.; Bonany, J.; Alonso, M.; Polanco, I.; Romero de Ávila, L.; Campos, J.; Pérez, J.; Agudo, A.; Boix, R.; García, G.; Pérez, F.; Martínez, N.; Riquelme, F.; Gilbert, V. | **S07.241**

S08 OLIVETRENDS

New author added:

Poster Session 1 Olivetrends

Poster | Comparative Study on the Economic Viability of High and Super-High Density Olive Orchards in Spain
Freixa, E.; Tous, J.; Gil, J. M.; Hermoso, J. F. | **S08.236**

New posters added:

Poster Session 2 Olivetrends

Poster | Evaluation of Table Olive Cultivars in the Apulian Region
Russo, G.; D'Andrea, L. | **S08.276**

Poster | Olive Fruit Characteristics and Oil Composition of Cultivar "Leccino"
Russo, G.; D'Andrea, L.; Liuzzi, V. | **S08.277**

S09 ORNAMENTALS

Changed from Poster Presentation to Short Presentation
**Session 11
Postharvest**

SP | Storage Compounds of *Anthurium* spp. Seeds
Morais, E. B.; Gallão, M. I.; Paula, S. O.; Castro, A. C. R. | **S09.379**

New posters added:

Poster Session 1 New Ornamentals - Market - Plant & Flower Production - Pest & Disease

Poster | The Ease of Transmission and Management of Tobacco Mosaic Virus in Greenhouse Stock Plants
Losenge, T.; Faust, J.; Scott, S. | **S09.427**

Poster Session 3 Ornamentals: Reproduction & Propagation – Physiology

Poster | Financial Analysis of Rose Crop Var. Charlotte Grown on Substrates with Drainages Recirculation
González Sánchez, C.; Pardo Varela, M.; Flórez Roncancio, V. J.; Barrientos Fuentes, J. C. | **S09.426**

Poster Session 4 Ornamentals: Breeding & Genetics II - Postharvest

Poster | The Effects of Different Aggregate on the Formation and Characteristics of Tulip Bulbs at the Ring Culture
Demir, K.; Baskent, A.; Halloran, N. | **S09.428**

S10 HORTDEVELOP

Session 1

Chairperson will be Wilfried Baudoin (FAO) instead of Rémi Nono-Womdim

Session 4

Chairperson will be Wandera Ojanji instead of Enoch Daku



S11 ISAFRUIT

Changed from Oral to Poster Presentation

Poster Session 4 Fruit Sensory Quality: Genetic Bases and Processing Innovation

Poster | Development of Symbiotic Apple Slices
Roessle, C.; Brunton, N.; Gormley, T. R.; Ross, P. R.; Butler, F. | **S11.057**

S12 GENETIC RESOURCES

Changed from Poster Session 1 to Poster Session 3:

SP | The Development of the UK National Fruit Collections
Ordidge, M. | **S12.006**

New posters added:

Poster Session 2 Molecular Markers in Plant Genetic Resources

Poster | Evaluation of Chemical Composition of Four Roselle Cultivar Calyces under Different N- Fertilizer Rates
Shaheen, M. A.; El-Nakhlawy, F. S. | **S12.365**

Poster Session 4 Fruit, Ornamental, and Nut Genetic Resources

Poster | Genetic Variability of the Local Variety "Horcal Onion"
Garrido, F., Fombellida, A., Godoy, F. | **S12.366**

Poster | Morphological Characterization of the Local Variety "Horcal Onion"
Fombellida, A., Garrido, F., Lopez, F., Collado, M. | **S12.367**

S13 VEGETABLES

New posters added:

Poster Session 1 Vegetables

Poster | New Source of Yellow Rind in Watermelon [*Citrullus lanatus* (Thunb.) Mansf.]
Choudhary, B. R., Pandey, S., Singh, P. K., Singh, R., Rai, M. | **S13.339**

Poster Session 2 Vegetables

Poster | *In vitro* Culture Used for Screening Salt Stress Tolerant Lettuce Varieties
Maamouri, A.; Karmous, C.; Trifa, Y.; Kouki, K.; Aounallah, K. | **S13.277**

Poster | Reactive Oxygen Species Are Involved in Brassinosteroid-Induced Stress Tolerance in Cucumber

Xia, X. J.; Wang, Y. J.; Zhou, Y. H.; Tao, Y.; Mao, W. H.; Shi, K.; Asami, T.; Chen, Z.; Yu, J. Q. | **S13.340**

Poster Session 3 Vegetables

Poster | Evaluation of Rootstocks for Watermelon Grafting with Reference to Plant Development, Yield and Fruit Quality
Khah, E. M., Petropoulos, S. A., Passam, H. C. | **S13.338**

S14 ORGANIC HORT

Changed from oral to short presentation:

Session 8 Sustainability Indicators, Economics and Trends on Organic Farms II

17.15 - SP | A Critical View on Direct Payments to Organic Vegetable Producers
De Cock, L.; Lauwers, L.; de Wit, J. | **S14.072**

New Posters added:

Poster Session 3 Post-Harvest Handling and Food Quality/Sustainability Indicators, Economics and Trends on Organic Farms

Poster | The Use of Lupine Seeds as Nitrogen Fertilizer
Teixeira, G.; Katroschan, K.; Varenes, A.; Neves-Martins, J.; Stützel, H. | **S14.307**

Poster | Response of Smooth Cayenne pineapple to organic fertilizer in south western Nigeria
Aiyelaagbe, I. O. O., Oshuniji, A. A.; Adegoke J. O. | **S14.308**

S16 VITI & CLIMATE

New posters added:

Poster Session 4 Viti & Climate

Poster | Shoot Density, Basal Leaf Removal and Cluster Thinning on the Portuguese Vine Variety 'Touriga-Nacional': Effects on Canopy Microclimate, Yield, and Quality Parameters of Grape and Wine
Costa-Rodrigues, C. A.; Cruz, A.; Botelho, M.; Castro, R. | **S16.030**

Poster | Evaluation, Virus Testing and Healthy Status Improvement of New Grapevine Cultivars from Republic of Moldova
Savin, Gh.; Smerea, S.; Andronic, L.; Bujoreanu, V.; Cornea, V. | **S16.319**



S17 PROTEAS

Changed from Session 2 to Session 1

Session 1

Crop Production in *Proteaceae*

12.00- Oral | Seed Coat Removal Greatly Enhances Grevillea (*Proteaceae*) Seed Germination
Guo, J.; Ma, X.; Yan, G. | **S17.006**

S18 BANANA & TROPICALS

New posters added:

Poster Session 3

Banana & Tropicals

Poster | Chlorophylls_(a & b) and Carotene Inductions on RGB Formulas Properties for the Digital Pixels of Mango's Leaves
Hammad, A. Y.; Kassim, F. S. E. | **S18.277**

Poster Session 4

Banana & Tropicals

Poster | Exploring the Accumulation of Se and S in Tropical Plants
Sithambaram, S.; Wan Zahari, M.; Pitchay, D. S. | **S18.276**

Poster | Banana Somatic Hybrids between 'Guo Shan Xiang' (Aab, Silk) and 'Dong Guan Da Jiao' (Abb) Obtained by Asymmetric Protoplast Fusion
Gong, Q.; Li, X. J.; Xiao, W.; Huang, X.; Chen, Y. F.; Zhao, J. T.; Dai, X. M.; Huang, X. L. | **S18.278**

SEMINARS

Sm3 GARDENS & OPEN SPACE

New oral presentation added and consequently changed the schedule:

Session 1

Garden Culture

10.30 – Inv. Speaker | The Moorish Myrtle, History, and Recovery of Alhambra Garden Lost Species
Porcel, M. C.; Rojo, J. T. | **Sm03.005**

11.00 - Oral | Potential Influences of the Portuguese Botanical Gardens in the Landscape Design of the First São Paulo Botanical Garden (1799-1838), Brazil
Rocha, Y. T. | **Sm03.001**

11.15 - Oral | The Spanish Role in Introducing Islamic Design Ideas to North America
Volkman, N. J. | **Sm03.002**

11.30 - Oral | Gardens and Orchards of Islamic Influence in Medieval Sicily
Barbera, G. | **Sm03.003**

11.45 - Oral | Gregorio de Los Ríos at the Casa del Campo. The Influence of a Gardener on Gardens History
Chomarat-Ruiz, C. | **Sm03.004**

Sm04 SOILLESS CULTIVATION

New oral added:

Session 1

Substrate & Composts

10.30 – Inv. Speaker | Practical Management of Organic Peat Alternative
Carlile, B. | **Sm04.020**

Sm05 EDUCATION & TRAINING

Changed from T06 to Sm05

Session 2

Horticultural Education and Training in Developing Countries

14.34 - Oral | Variations in the Use of Mobile Phones for Improving Farm Knowledge in Horticultural Crops Amongst Farmer's in Benue State, Nigeria
Odiaka, E. C. | **T06.005**

Sm8 MED & AROMATIC PLANTS

New poster added:

Poster Session 3

Med & Aromatic Plants

Poster | Influence of Cutting and Harvest Day Time on the Essential Oils of Lemon Balm (*Melissa officinalis* L.)
Ahmed, K. A. K.; Ahmed, A. M. A. | **Sm08.272**



Sm10 HORT VALUE-CHAIN

New poster added:

Poster Session 1 Hort Value-Chain

Poster | Economic Analysis of Tomato Losses in Ibadan Metropolis, Oyo State
Adeoye, I. B.; Odeleye, O. M. O.; Babalola, S. O.; Afolayan, S. O. | **Sm10.207**

SM13 FRUIT GROWTH

New posters added:

Poster Session 1 Fruit Growth

Poster | Effect of Fertigation Practices through Water Soluble Fertilizer and Micro-Nutrient in Sweet Cherry for Karewa Land of Kashmir Valley
Ahmad, M. F.; Samanta, A.; Jabeen, A. | **Sm13.226**

Changed from oral to short presentation:

Session 2 The Development of Fruit Quality

14.30 - SP | Sugar Transport in Peach Mesocarp and Seed during Development
Falchi, R.; Pfeiffer, A.; De Marco, F.; Santi, S.; Vizzotto, G. | **Sm13.011**

Sm14 TURFGRASS

New chairperson:

Session 1
Will be Panayiotis A. Nektarios (Greece)

Session 2
Will be José Monteiro (Portugal)

THEMATIC

T02 CITRUS

New oral presentation added:

Session 2 Genetics and Scions

14.30 - Oral | Somatic Embryogenesis and Plant Regeneration from Flower Parts of *Citrus*
El-sawy, A. M.; Amina, A. H.; Reda, A. E. A. E.; Girgs, N. D. | **T02.018**

T08 FRUIT PRODUCTION SYSTEMS

New poster added:

Poster Session 4 Fruit Production Systems

Poster | Effects of Grafted Seedling on Yield, Quality and Vitamin-C of Tomatoes Growing in Greenhouse
Yarsi, G. | **T08.210**

T09 GENETICS AND BREEDINGS

Changed from Poster Session 2 to Poster Session 3

Poster | Measures of Relations between Loci L-1 and L-2 and Fruit Shelf Life in *Cucurbita pepo*
Dominguez, I.; Del Rio, M.; Font, R.; Martínez, A.; Moya, M.; Paris, H.; Gomez, P. | **T09.216**

New poster added:

Poster Session 3 Genetics and Breeding II

Poster | Research on Identifying Polyploidy by Flow Cytometry in *Lagerstroemia indica* and *Lagerstroemia subcostata*
Song, P.; Wang, X. F.; Cai, M.; Pan, H. T.; Zhang, Q. X. | **T09.240**

T12 MICROPROPAGATION

New poster added:

Poster Session 4 Micropropagation

Poster | Relationship between Endogenous Free IAA Levels and Peroxidase Activities during Root Development from Shoot Microcuttings of Persian Walnut Varieties



Cheniany, M.; Ebrahimzadeh, H.; Masoudi-Nejad, A.; Mirmasoumi, M.;
Vahdati, K. | T12.232

T13 MINERAL NUTRITION

New poster added (Displayed Thursday out of his Section):

Poster | Evaluation of Animal Droppings and their Combinations with NPK 15:15:15 Fertilizer on Dry Season Tomato Productivity
Abdulsalam, R. A. | T13.229

Changed the name of the chairperson:

Session 1 Mineral Nutrition: Fruit Tree Crops

New chairperson: Jesús Vale (Spain)

T15 PLANT PATHOLOGY

New oral presentations added:

Session 1 Plant Pathology – Bacteria, Viruses, and Nematodes

11.55 - Oral | Detection of Tomato Mosaic Virus in Tomato Seed and Treatment by Thermotherapy
Silva, P. P., Freitas, R. A., Nascimento, W. M. | T15.025

12.10 - SP | Effect of Maize as Barrier on Incidence of Viral Infection in Pepper /Lettuce/ Maize Mixture in Southwestern Nigeria
Odeleye, O. M. O.; Oke, K. E.; Adeoye, I. B. | T15.026

Session 3 Plant Pathology – Diseases and disease resistance

17.45 - Oral | Apple Scab, *Venturia inaequalis* (Cooke) G. Wint., in India
Singh, K. P.; Kumar, J. | T15.024

New poster added:

Poster Session 3 Plant Pathology

Poster | A Two-Year Survey of TSWV Occurrence on Globe Artichoke in Sardinia (Italy)
Testa, M.; Marras, P. M.; Sanna, D.; Pintore, R.; Maronqiu, G. | T15.236

T16 PLANT SOIL AND ENVIRONMENT SCIENCES

Changed from Session 2 to Session 3:

**Session 3
Plant and Environment II**
17.45 - Oral | A Method for Plant Stress Detection by Online Ethylene Measurement in the Root Zone of Hydroponic Cultivated Plants
Brohm, D.; Domurath, N.; Faber, S.; Schröder, F.-G. | T16.013

WORKSHOPS

WS03 ODEMIRA – HORTICULTURE IN A NATURAL PARK

Ws03.1 – “The Santa Clara Irrigation Scheme” will be presented by Carla Lução

Ws03.2 – New title: “The Associates of the Odemira Horticultural Association”

WS10 ASIAN – LANDSCAPE AND URBAN HORTICULTURE

New Speakers:

Ws10.1 - *Gert Groening* with “A European View of Asian-Pacific Perspectives in Garden Culture and Open Space Development”

Ws10.2 - *David E. Aldous* with “Challenges facing the Landscape and Urban Horticulture Industry in the Asia Pacific Region”