

Sm02

2010: THE CHALLENGE OF EMERGING FRUIT TREE PESTS IN THE MEDITERRANEAN FREE-TRADE AREA

CONVENERS

Anna Maria D'Onghia, *CIHEAM/Mediterranean Agronomic Institute, Bari, Italy*

SCIENTIFIC COMMITTEE

Jaap Janse (*NAK-Netherlands*)

Remi Kahane (*GlobalHort, Tanzania*)

Gavino Del Rio (*University of Sassari, Italy*)

Anna Maria D'Onghia (*CIHEAM/MAIB*)

Margit Laimer (*University of Natural Resources and Applied Life Sciences, Vienna- Austria*)

SYMPOSIUM SPONSORS



THURSDAY, 26 AUGUST

10.30–12.30h

Room 1.08

Session 1

EMERGING PESTS/PATHOGENS OF FRUIT TREE CROPS

Chairperson: *Anna Maria D'Onghia (Italy)*

10.30 – Inv. Speaker | Barcelona Declaration 1995: The Establishment of a Free-Trade Euro-Mediterranean Area

Mombiola, F. | Sm02.017

11.00 – Inv. Speaker | The Peach Fruit Fly, *Bactrocera zonata*: A Major Threat for Mediterranean Fruit Crops?

Delrio, G. | Sm02.001

11.15 - Oral | Key Factors in Red Palm Weevil Biology (*Rhynchophorus ferrugineus* Olivier, 1790) (*Curculionoidea*)

Porcelli, F.; Al-Jboory, I.; Abdul Raheem, H. Y. | Sm02.002

11.30 – Inv. Speaker | Emerging Bacterial Diseases of Fruit Trees: Epidemiology and Management

Janse, J. | Sm02.003

11.45 - Oral | Citrus Tristeza (Citrus Tristeza Virus) and Sharka of Stone Fruits (Plum Pox Virus): Serious Threats to the Mediterranean Fruit Tree Industry

Djelouah, K.; Digiaro, M. | Sm02.004

12.00 - SP | The Biology and Damage of *Caryedon serratus* (Col.: *Bruchidae*) on *Prosopis cineraria* in South of Iran

Golestaneh, S. R.; Farrar, N.; Askary, H. | Sm02.005

SP | *Fusarium* spp. Associated to Citrus Dry Root Rot: An Emerging Issue for Mediterranean Citriculture

Yaseen, T.; D'Onghia, A. M. | Sm02.016

13.30–15.00h

Room 1.08

Session 2

ADVANCES IN PESTS/PATHOGENS IDENTIFICATION AND CONTROL

Chairperson: *Jaap Janse (Netherlands)*

13.30 - Inv. Speaker | Natural and Induced Pathogen Resistance in Temperate Fruit Trees and Grapevines

Laimer, M. | Sm02.006

14.00 - Oral | New Developments in Pathogen Detection and Identification

Nolasco, G. | Sm02.007

14.15 - Oral | Simultaneous Detection of Four Fruit Tree and Vegetable Viruses in China through Multiplex PCR Assays

Wang, J. Z.; Gu, R. H.; Leng, P. S.; Zhang, K.; Zhao, F. K.; Jin, D. Z.; Wang, S. Q. | Sm02.008

14.30 - SP | DNA Barcode: A Standardized Approach for Species Identification

Balech, B.; Yassen, T.; D'Onghia, A. M.; Vicario, S.; Santamaria, M.; Saccone, C. | Sm02.009

SP | Fluopyram & Tebuconazole (Luna Experience), a New Fungicide with Interesting Properties in Resistance Management of Powdery Mildew in Apple

Hauke, K.; Creemers, P. | Sm02.010

SP | Phytohormone Changes and Carbohydrate Status in HLB-Affected Valencia Fruit (*Citrus sinensis*) through Fruit Development and Maturation: Implications in Fruit Symptomatology

Rosales, R.; Liao, H. L.; Burns, J. K. | Sm02.011

SP | Proximal and Remote Sensing in the Monitoring of Citrus Tristeza Virus (CTV) Infected Trees

Gualano S.; Santoro F.; Djelouah K.; D'Onghia A. M. | Sm02.015

16.30–18.00h

Room 1.08

Session 3

MEDITERRANEAN POLICIES TO COMBAT FRUIT TREES PESTS AND PATHOGENS

Chairperson: Remi Kahane (United Republic of Tanzania)

16.30 – Inv. Speaker | EPPO Strategy for Controlling Emerging Pests and Diseases

Roy, A. | Sm02.012

17.00 - Oral | Networking is Essential to Combat Invasive Pests

Kahane, R. | Sm02.013

17.15 - Oral | CIHEAM-MAIB Mediterranean Research Networks and Cooperation Projects for the Certification of Fruit Tree Propagating Material

D'Onghia, A. M.; di Terlizzi, B. | Sm02.014

15.00–16.30h

Pav. 2

**Poster Session 4
FRUIT-TREE PESTS**

Chairperson: Remi Kahane (United Republic of Tanzania)

Poster | To Study the Biological Control of *Nipaecoccus viridids* (Hem.: *Pseudococcidae*) by *Chrysoperla carnea* (Neu.: *Chrysopidae*) in Citrus Orchards of Jarom, Fars Province-Iran

Zakerin, A.; Zibaiee, K.; Fallahzadeh, M. | Sm02.200

Poster | Insecticides Residual Detection in *Phoenix canariensis* after Injection by Different Chemicals to Control RPW

Raheem, H. Y. A.; Porcelli, F.; Al-Jboory, I. | Sm02.201

Poster | Swift Moths as a New Pest of Citrus in Shaoguan, China

Jiang, B.; Zheng, C.; Cai, M.; Zeng, J.; Yi, G. | Sm02.202

Poster | Laboratory Analysis of Five Host Plant Sources on Life Capacities of Gypsy Moth, *Lymantria dispar* (Lep.: *Lymantriidae*) and Evaluation of the Results in Field Conditions in Yasouj Area of Iran

Saeidi, K.; Hosseini Farahi, M. | Sm02.203

Poster | Survey on Fig Viruses in Lebanon

Elbeaino, T.; Mortada, C.; Choueiri, E.; Digiaro, M. | Sm02.204

Poster | Effect of Intercropping Maize with Avocado on the Biological Control of the Persea Mite, *Oligonychus perseae* (Tuttle, Baker & Abbatiello)

González-Fernández, J. J.; de la Peña, F.; Sahún, R. M.; Montserrat, M. | Sm02.205

Poster | Researches on the Structure, Dynamics and Abundance of *Coleoptera* Species in Sweet Cherry and Sour Cherry Plantations

Talmaciu, N.; Talmaciu, M.; Herea, M. | Sm02.206

Poster | Effectiveness of Extract of *Calotropis procera* on Nutritional Indices of *Tribolium confusum* Duv.

Farrar, N.; Golestaneh, S. R.; Askari, H.; Sadeghi, S. M.; Monfared, N. | Sm02.207

Poster | Insecticidal Activity of Transgenic Apple Plants Expressing CpTI Gene on *Helicoverpa armigera*
Zhou, R. J.; Du, G. Q.; Shi, X. X. | Sm02.208

Poster | Host Preference of Jasmine Whitefly *Aleuroclava jasmini* (Homoptera: *Aleyrodidae*) on Citrus in South Baghdad Orchards

Khalaf, M. Z.; Hamed, B. S.; Hassan, B. H.; Salman, A. H.; Naher, F. H. | Sm02.209

Poster | Survey for the Identification of CTV-Infected Trees and Optimization of Molecular CTV-Detection Techniques in Crete

Afifi, H.; Karayanni, A.; Livieratos, I. | Sm02.210

Poster | Sanitary Assessment of Olive Varieties in a Collection Plot in Perugia (Umbria, Italy)

Al-Abdallah, O.; Elbeaino, T.; Farinelli, D.; Valentini, F.; Digiaro, M. | Sm02.211

Poster | Genetic Diversity and Epidemiological Study of Some Mediterranean CTV Populations

Yahiaoui, D.; Djelouah, K.; D'Onghia, A. M.; Catara, A. | Sm02.212

Poster | Incidence of the Peach Latent Mosaic Viroid in a *Prunus persica* Bastch Germoplasm Collection by Molecular Diagnosis

Rubio Cabetas, M. J.; Montanes, M.; Pallas, V.; Martinez, G.; Gomez, G.; Alonso, J. M. | Sm02.213

Poster | Soil Drainage Capacity and Oxidative Stress Influence the Sensitivity of the Pear Tree to Brown Spot

Hauke, K.; Van Laer, S.; Janssens, P.; Valcke, R.; Creemers, P. | Sm02.214

Poster | Further Investigation into the Presence of Citrus Tristeza Virus in Syria

Abou Kubaa, R.^{1,4}; Kumari, S.; Saponari, M.; Djelouah, K.; Jamal, M.; D'Onghia, A. M. | Sm02.215

Poster | Molecular Characterization and Genetic Marker Analysis of Selected Mediterranean Citrus Tristeza Virus Isolates

Abou Kubaa, R.; Yahiaoui, D.; Saponari, M.; Djelouah, K.; D'Onghia, A. M. | Sm02.216

Poster | Olive Latent Virus 3: A New Olive-Infecting Virus in the Mediterranean Region

Alabdullah, A.; Minafra, A.; Elbeaino, T.; Digiaro, M.; Martelli, G. P. | Sm02.217

Poster | Sporulation and Infection Periods of *Botryosphaeria dothidea* on Apple in Hebei Province China

Cao, K.; Wang, Y.; Hu, T.; Wang, X. | Sm02.218

Poster | A Destructive Phytoplasma Disease-Jujube Witches' Broom and its Control

Liu, M. J.; Zhao, J. | Sm02.219

Poster | Study of Biology *Lobesia botrana* Den. &

Schiff. (*Lepidoptera: Tortricidae*) and Determination of Spraying Time in Vineyards of South-West of Iran

Saeidi, K.; Kavooosi, B.;

Mehdi Hosseini Farahi, M.

| Sm02.220

Poster | Sanitation of Algerian Citrus Genotypes by Stigma/Style Somatic Embryogenesis

Meziane, M.; Boudjeniba, M.; Frasher, D.; D'Onghia, A. M.;
Carra, A.; Carimi, F.

| Sm02.221

Poster | Fire Blight (*Erwinia amylovora* (Burrill) Winslow): A New and Emerging Disease on Pear, Apple and Quince in Morocco

Fatmi, M.; Bougsiba, M.; Malika, Y.; Valentini, F. | Sm02.222