



# V International Symposium on Fig

August 31 - September 3, 2015



Conference Hall, Università degli Studi di Napoli *Federico II*, Napoli (Italy)

Section: Nuts and Mediterranean Climate Fruits  
Working Group: Fig

Conveners

*Tiziano Caruso*

*Boris Basile*

## Symposium Program

Venue: Conference Hall, Via Partenope 36 - Napoli

### Sunday 30 August 2015

17.00-20.00: Registration

### Monday 31 August

08.00-09.30: Registration

09.30-09.50: Welcome addressing

09.50-13.00: Session I - Genetic Resources, Breeding, Genomics, and Transcriptomics

Part I (Chairman: T. Caruso)

09.50-10.30: *Flaishman M.* - Molecular and Conventional Breeding in Fig (*Invited lecture*).

10.30-10.50: *Knap T., Arbeiter A.B., Jakše J., Čizmović M., Adakalić M., Popović R., Lazović B., Strikić F., Podgornik M., Bandelj D.* - Diversity of Figs (*Ficus carica* L.) from the East Adriatic Coast.

10.50-11.10: *Stănică F.* - Preliminary Results on Romanian Fig Population Assessment.

11.10-11.40: **Coffee break**

11.40-12.00: *Aradhya M., Preece J.* - Multivariate Analysis of Molecular and Morphological Diversity in Fig (*Ficus carica* L.).

12.00-12.20: *Mafrica R., Bruno M., Costa F., Fretto S., Marra F.P., Marchese A., Pangallo S., Quartararo A., Caruso T.* - Morphological and Molecular Variability within the Fig Cultivar Dottato in the Italian Protected Designation Origin Area "Fichi di Cosenza".

12.20-12.40: *Özen M., Dalkılıç Z., Koçataş H., Belge A., Ertan B.* - Investigation of Leaf Characteristics in Sarılop and Kaba İlek Fig Hybrids.

12.40-13.00: *Ferrara G., Mazzeo A., Pacifico A., Pacucci C., Matarrese A.M.S., Tarantino A., Incerti O., Marcotuli I., Nigro D., Blanco A., Gadaleta A.* - Characterization of Edible Figs Germplasm from Puglia Region, Southeastern Italy.



**13.00-14.15: Lunch**

**14.15-15.00: Poster session**

**15.00-16.50: Session I - Genetic Resources, Breeding, Genomics, and Transcriptomics**

**Part II (Chairman: M. Flaishman)**

- 15.00-15.20: Caliskan O., Bayazit S., Ilgin M., Karatas N., Kocatas H. - Preliminary Results on Morpho-Pomological and Pollinizer Characterization of Some Caprifig Genotypes Grown in Eastern Mediterranean Region of Turkey.
- 15.20-15.40: Haffar S., Ben Abdelkrim A., Salhi-Hannachi A., Baraket G. - Genetic Diversity Assessment of Tunisian Fig (*Ficus carica* L.) Using Conserved DNA-Derived Polymorphism.
- 15.40-16.00: Ikegami H., Mori K., Hirata C., Tashiro K., Kuhara S. - Draft Genome Sequence of the Fig Tree (*Ficus carica* L.).
- 16.00-16.20: Rosianski Y., Doron-Faigenboim A., Dahan Y., Yadav S., Freiman Z.E., Kerem Z., Flaishman M.A. - Transcriptom Analysis of the Differences between Pollinated and Parthenocarpic Common Type Fig (*Ficus carica* L.).

**16.20-16.50: Coffee break**

**16.50-17.20: General discussion**

## **Tuesday 1 September**

**08.30-11.00: Session II - Tree Biology and Ecophysiology**

**(Chairman: B. Basile)**

- 08.30-09.10: Mars M. - The Unique Fig Caprifigation System and its Effect on Fruit Characteristics (*Invited lecture*).
- 09.10-09.30: Caruso G., Quartacci M.F., Gennai C., Marchini F., Ugolini F., Gucci R. - Tolerance and Physiological Response of Young *Ficus carica* L. Plants Irrigated with Saline Water.
- 09.30-09.50: Pakyurek M., Dumanoglu H. - The Effects of Salt Stress on In Vitro Seed Germination and Seedling Growth of Some Turkish Fig Cultivars.
- 09.50-10.10: Eisikowitch D. - An overview on Ficus Pollination.
- 10.10-10.30: Gaaliche B., Trad M., Mars M. - Agro-Phenological Behaviour of Several Caprifigs Grown in Two Different Ecological Areas in Tunisia.

**10.30-11.00: Coffee break**

**11.00-12.00: Pomological Exhibition**

**12.00-12.45: Poster Session**

**12.45-14.00: Lunch**



**14.00-16.10: Session III - Plant Propagation, Nursery Organization, Planting Systems, and Orchard Management (Chairman: F. Stanica)**

- 14.00-14.20: Rattanpal H.S., Sidhu G.S. - Studies on Propagation of Fig (*Ficus carica* L.) Varieties by Budding.
- 14.20-14.40: Crisosto C.H., Ferguson L., Norton M., Crisosto G. - Studies on fertigation with calcium and potassium to reduce culls in figs.
- 14.40-15.00: Kurubar A.R., Allolli, T.B., Naik M.K., Angadi S.G. - Effect of Growth regulator on Growth, Yield and Quality of Fig Production (*Ficus carica* L.).
- 15.00-15.20: Jafari M., Rahemi M., Zare H. - Increasing Fig Tree Tolerance to Drought Stress by Trunk Thinning.
- 15.20-15.40: Can H.Z., Özer K.B., Şen F., Aksoy U. - Effect of Good Agricultural Practices and Storage Conditions on Quality of Fig Fruit (*Ficus carica*).

**15.40-16.10: Coffee break**

**16.10-17.50: Session IV: Pest and disease management (Chairman: D. Eisikowitch)**

- 16.10-16.50: Minafra A. - Virus Diseases of Fig and their Control (*Invited lecture*).
- 16.50-17.10: Singh S., Rattanpal H.S. - Evaluation of Fig Germplasm against Insect and Mite Pests in North-West India.
- 17.10-17.30: Kuroda K., Morita T., Sumida S., Jikumaru S. - Wilt Mechanism of *Ficus carica* Infected with *Ceratocystis ficicola*: Detection of Xylem Dysfunction Prior to Symptom Development.
- 17.30-17.50: Doğan Ö., Kocataş H., Gülce M., Ertan B., Tutmuş E. - Investigations on Alternative Control Measurements to Produce Healthy Caprifigs Reducing Fig Endosepsis Disease Caused by *Fusarium* Spp.

**17.50-18.20: General discussion**

**20.00: Social dinner**

**Wednesday 2 September**

**07.00-20.00: Technical tour in the DOP area "Fico Bianco del Cilento"**



## Thursday 3 September

### 09.00-12.30: Session V: Fruit Quality, Post-Harvest Technology, and Pharmacological Usages (Chairman: U. Aksoy)

- 09.00-09.40: Crisosto C.H. - Fruit Quality and Postharvest Management (*Invited lecture*).
- 09.40-10.00: Sun R., Sun L., Jia M. - Analysis of Psoralen and Mineral Elements in the Leaves of Different Fig (*Ficus carica* L.) Cultivars.
- 10.00-10.20: Oksar R.E., Şen F., Aksoy U. - Effect of Drying under Plastic Tunnels on Drying Rate and Quality of Fig (*Ficus carica* L. cv. Sarılop).
- 10.20-10.50: Coffee break**
- 11.50 -12.10: Köseoğlu I., Pehlivan R. - Effects of Dried Fig Fruits Quality Parameters and Location on Fumosin B1 and B2 Occurrence.
- 12.10-12.30: Şen F., Aksoy U., Özer K.B., Can H.Z., Köseoğlu İ., Konak R. - Impact of Yearly Conditions on Some Major Physical and Chemical Properties of Fresh, Semi-Dried and Sun-Dried Fig (*Ficus carica* L. cv. Sarılop) Fruit.

### 12.30-13.15: Poster session

### 13.15-14.30: Lunch

### 14.30-17.00: Session VI - Industry, Economical Aspects, and Marketing (Chairman: C. Cirillo)

- 14.30-15.10: Aksoy U. - The Dry Fig Management and the Potential for New Products (*Invited lecture*).
- 15.10-15.30: Ingrassia M., Chironi S., Sortino G. - Consumer Preferences for Fig Fruit (*Ficus carica* L.) Attributes and Postharvest Storage at Low Temperature by In-Store Survey and Focus Group.
- 15.30-15.50: Stockli K. - Update on California Dry and Fresh Fig Industries: Production and Activities.
- 15.50-16.10: Zare E., Zare H. - Agro-Economical Selecting of the Best Horticultural Practices for Reducing Drought Damages on Rainfed Fig (*Ficus carica* cv. Sabz).
- 16.10-16.30: Zhao H. - Fig Industry in China.

### 16.30-17.00: Coffee break

### 17.00-17.30: General discussion

### 17.30-18.00: Social meeting