

INTERNATIONAL SYMPOSIUM

“Increasing Efficiency of Maize Breeding in the Genomic Era”

FRIDAY, SEPTEMBER 29

8:30 Registration

Opening Session:

Chair: Panetsos, K. and Efthymiadis, N.

9:00 – 9:15 Welcoming address

9:15 – 10:00 Presentation of the Laudation for Prof. Apostolos Fasoulas

10:00 – 10:30 Plenary Lecture:
Janick, J. (University of Cornell, USA)
The First Images of Maize in Europe

10:30 – 11:00 **Coffee Break**

Session One: Generating New Variation

Chair: Kaltsikis, P. and Mellidis, A.

11:00 – 11:30 **Tollenaar, M.** (University of Guelph, Canada)
Gene Discovery for Grain Yield in Maize: A Top-Down Approach

11:30 – 12:00 **Tuberosa, R.** (University of Bologna, Italy)
Genomic Approaches to Improve Maize Drought Tolerance.

12:00 – 12:30 **Peterson, P.** (University of Iowa, USA)
DNA Changes in the Maize Field

12:30 – 13:00 **Tsaftaris, A.** (University of Thessaloniki, Greece)
Epigenetic Variation and Maize Breeding

13:00 – 14:00 **Lunch Break**

Session Two: Improving Selection Efficiency

Chair: Roupakias, D. and Gouli, E.

14:00 – 14:30 **Fasoula, V.** (University of Georgia, USA)
The Maize Ideotype in View of the Recent Partitioning of the Crop Yield Potential into Genetic Components.

14:30 – 15:00 **Koutsika, M.** (University of Thessaloniki, Greece)
Assessment of Commercial Hybrid of Corn and Sweet Corn through Honeycomb Breeding

15:00 – 15:30 **Tokatlidis, J.** (University of Thrace, Greece)
Selection under Ultra-low Density as an Effective Procedure to Maintain Cultivars in Maize

15:30 – 16:00 **Coffee Break**

Session Three: Prospects of Maize Biotechnology

Chair: Goulas, C. and Skarakis, G.

16:00 – 16:30 **Charcosset, A.** (INRA, France)
Molecular Breeding of Maize

16:30 – 17:00 **Cristou, P.** (University of Lleida, Spain)
The use of Biotechnology for Generating New Maize Varieties and New Uses of Maize.

17:00 – 17:15 **Closing Remarks**