

“How to reach the meeting”

By PLANE

fly to Verona Airport
shuttle to Verona Railway Station
train to Trento Railway Station.

By TRAIN

reach Trento Railway Station.

By CAR

highway A22, exits: Trento Sud (travelling from the South), Trento Nord (travelling from the North).

From Trento Station the meeting site is a few minutes foot distant.



Verona airport >>> www.aeroporto.verona.it
Railways >>> www.trenitalia.it
Buses >>> www.ttesercizio.it

Usefull links

Registration & Accommodations

registration is compulsory for participation at the meeting

Fill the online form and find suggested accommodation at :

<http://cri.fmach.eu/Drosophila>

Registration Deadline: **23-11-2011**

Booking Deadline: **14-11-2011**

Contact us at

+39 0461 615601

floriana.marin@iasma.it LOGISTICS

+39 0461 615411

alessandro.cini@iasma.it SCIENTIFIC CONTENTS

via Mach 1, 38010
San Michele a/Adige
Trento, Italy

FONDAZIONE EDMUND MACH



ISTITUTO AGRARIO
DI SAN MICHELE ALL'ADIGE



International meeting

Drosophila suzukii:
new threat for
European fruit
production

Friday, 2nd December 2011

Sala Don Guetti

Cassa Rurale Cooperative
Via Vannetti 8, Trento, Italy



Drosophila suzukii is commonly called the spotted-wing drosophila. Native to southeast Asia, it was first described in 1931 by Matsumura.

Expected speakers

- P. Witzgall (SLU, Sweden)
- C. Weydert (CTFIL, France)
- A. Escudero (IRTA, Spain)
- C. Baroffio (AGROSCOPE, Switzerland)
- A. Zunic (NIB, Slovenia)
- H. Vogt (JKI, Germany)
- A. DalPiaz (APOT, Italy)
- G. Seljak (KGZS, Slovenia)
- M. Pascual (UB, Spain)
- A. Grassi (FEM, Italy)
- G. Anfora (FEM, Italy)

Preliminary program

Distribution in Europe - Since 2009 D. suzukii has been detected in infested fruits in Italy (Trentino) and France. It has been trapped in Tuscany (Italy) and Spain (southern Catalonia), and has been recently detected in other areas (Switzerland, Austria, Slovenia, Croatia).

9.00 Opening >>>

Keynote lectures >>>

“Current status and management of *Drosophila suzukii* in the western United States” A. Dreves (USDA-ARS, USA)

”Evolution and ecology of *D. suzukii*: a comparison between native and invaded areas” M.T. Kimura & G. Anfora (Hokkaido University, Japan; FEM, Italy)

Presentations >>>

13.00 Lunch break >>>

13.45 Presentations >>>

15.00 Discussion >>>

17.00 Conclusions >>>

A new invasive insect species (*Drosophila suzukii*, - SWD), is threatening European fruit production.

SWD originates from the Far East (Japan, Korea) and it is spreading all over the world.

SWD infests unwounded ripening fruits and exhibits

a wide host crop range, attacking berries, stone fruits, grapes and damaged fruits as apples, loquat, persimmons, and tomatoes.

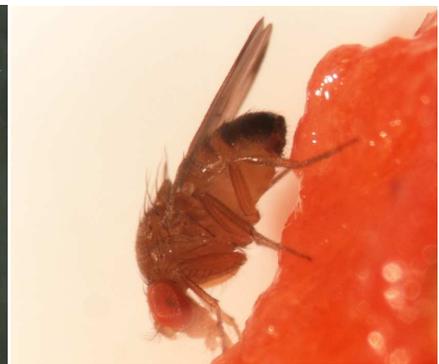
Infestation rate >>>

The potential of infestation rate by SWD is enormous, thanks to an extreme fecundity and short generation times.

Drosophila suzukii! A new threat for European fruit production.

SWD has become the first management priority for small fruits and cherry growers in the invaded countries, where huge

fruit losses have been reported. The aims of this meeting are to: share data about SWD diffusion in Europe and identify research gaps to develop suitable control strategies.



The aims of the meeting are to >>>

Share data about SWD diffusion and impact in Europe;

Identify research gaps to be filled in order to develop suitable control strategies.

Topics >>>

- >Situation in native areas (Korea/Japan)
- >Situation in invaded areas: USA
- >Situation in Europe and monitoring tools
- >Updates from fruit producers
- >Population ecology

- >Optimization of chemicals in IPM
- >Integration of biological control in IPM
- >Monitoring/controlling tools based on sex communication
- >Host-plant/variety insect preferences