



Elisabetta Leonardelli

Nationality: Italian **Date of birth:** 08/05/1984

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Work: Fondazione Edmund Mach, 38098 San Michele all'Adige (Italy)

ABOUT ME

Technician – Applied Entomology - Laboratory management, laboratory and field trials support, and insect rearing.

WORK EXPERIENCE

Tecnico laboratorio entomologia

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/07/2002 – 31/08/2002]

City: San Michele all'Adige (TN)

Country: Italy

Collaboration with the U.O. Crop protection in field trials to evaluate the side effects of pesticides by monitoring insects of agricultural interest and laboratory activities such as biological and breeding studies of insects such as *Pandemis heparana*, *Eupoecilia ambiguella* and *Lobesia botrana*.

Tecnico di laboratorio

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/07/2003 – 31/10/2003]

City: San Michele all'Adige (TN)

Country: Italy

Field evaluation of apple pollen foraged by bees to verify any side effects due to the use of pesticides. Preparation of samples and quantitative and qualitative control of the same.

Tecnico di campo

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/05/2004 – 31/10/2004]

City: San Michele all'Adige (TN)

Country: Italy

Carrying out efficacy trials aimed at extending the label of plant protection products on small fruits (blackberry and raspberry).

Tecnico laboratorio di entomologia

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/05/2005 – 30/09/2005]

City: San Michele all'Adige (TN)

Country: Italy

Experiments on *Dasineura mali*, cecidomid of the apple tree, in the context of the SEDAMA project and efficacy tests aimed at extending the label of plant protection products on small fruits (blackberry and raspberry).

tutor didattico

Istituto Agrario di San Michele all'Adige – Centro Istruzione e Formazione [01/09/2005 – 31/03/2006]

City: San Michele all'Adige (TN)

Country: Italy

Teaching assistance during lessons and presentation of reports, coordination of classes, correction of tests and checks.

tecnico di campo

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/04/2006 – 01/12/2006]

City: San Michele all'Adige (TN)

Country: Italy

Trials aimed at evaluating the efficacy of plant protection products on various targets (psyllid, aphids, codling moth), continuation of trials on the apple cecidomid, Dasineuran mali, within the SEDAMA project and efficacy trials aimed at extending product labels pesticides on small fruits (blackberry and raspberry).

Tecnico laboratorio entomologia

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/01/2007 – 31/12/2007]

City: San Michele all'Adige (TN)

Country: Italy

Experiments aimed at evaluating the development and behavior of agricultural pests, including Eupoecilia ambiguella and Lobesia botrana. Efficacy tests aimed at extending insecticides on the label (against Cydia pomonella, Pandemis heparana), breeding lepidoptera, preparing diets for them and carrying out electroantennography experiments. Scaphoideus titanus breeding.

tecnico laboratorio entomologia

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/01/2008 – 01/12/2008]

City: San Michele all'Adige (TN)

Country: Italy

Behavioral bioassays in field and semi-field conditions aimed at evaluating the fitness and behavior of insects of agricultural interest such as Eupoecilia ambiguella, Lobesia botrana and Scaphoideus titanus. Preparation and conducting of behavioral tests with Y-shaped olfactometer and wind tunnel. Carrying out electroantennography experiments and collection of volatile substances. Setting up and management of a mass breeding of Scaphoideus titanus Ball.

tecnico laboratorio entomologia

Istituto Agrario di San Michele all'Adige – Centro Sperimentale [01/01/2009 – 30/06/2011]

City: San Michele all'Adige (TN)

Country: Italy

Behavioral bioassays in field and semi-field conditions aimed at evaluating the fitness and behavior of insects of agricultural interest such as Eupoecilia ambiguella, Lobesia botrana and Scaphoideus titanus. Preparation and conducting of behavioral tests with Y-shaped olfactometer and wind tunnel. Electroantennography experiments and collection of volatile substances. Setting up and management of a mass breeding of Scaphoideus titanus Ball. Assistance in the field of bioacoustics: use of laser vibrometer, shaker and related software.

Tecnico laboratorio entomologia

Fondazione Edmund Mach - Centro Ricerca e Innovazione [01/07/2011 – Current]

City: San Michele all'Adige (TN)

Country: Italy

Preparation and management of massrearing of several species of insects, including Drosophila suzukii, Ganaspis brasiliensis, Trissolcus mitsukurii, Scaphoideus titanus, Halyomorpha halys, Lobesia botrana, Eupoecilia ambiguella, Pandemis Heparana. Preparation of laboratory bioassays such as oviposition tests, fitness tests with different substrates, electrophysiology tests and extraction of volatile substances, selection tests with Y-shaped olfactometer and wind tunnel with evaluation and processing of the data obtained. Expertise in the evaluation of the efficacy of different plant protection products. Collection of samples of different matrix in sterility, carrying out of superficial swabs, adoption of correct hygienic practices during the collection activity.

EDUCATION AND TRAINING

Perito Agrario ad indirizzo Agroindustriale

Istituto Agrario San Michele all'Adige [01/09/1998 – 01/07/2003]

Address: Via Edmund Mach, 1, 38098 San Michele all'Adige (Italy)

Website: www.fmach.it

LANGUAGE SKILLS

Mother tongue(s): **italiano**

Other language(s):

English

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

German

LISTENING A1 READING A1 WRITING A1

SPOKEN PRODUCTION A1 SPOKEN INTERACTION A1

DRIVING LICENCE

Driving Licence: A

Driving Licence: B

Sn Michele all'dige, 15/02/2023