



Ph.D. WINTER SCHOOL

of the Italian Society of Agricultural Chemistry

The role of Agricultural Chemistry for a sustainable agricultural production and its traceability

Palermo, Italy, 12 – 15 February 2018

School aims

The incoming edition of the Ph.D. winter school of the Italian Society of Agricultural Chemistry aims to promote scientific knowledge in a friendly environment, bringing together Ph.D. students and young scientists.

The School will include four sessions. The first session is organized to introduce the soil environment and to outline the importance of soil organic matter and microorganisms for plant growth and development. The second and third sessions are mainly dedicated to soil nutrients dynamics under different climates; moreover, some innovative aspects in weed management as well as statistical analysis procedures will be introduced and discussed. The fourth session will be dedicated to methods for the traceability of agricultural productions.

At last, a practical section will be organized to focus on some biochemical (microbial biomass, activity and community structure) and physico-chemical (NMR, surface area and pore size analysis) methods, very useful to investigate fundamental soil properties.

School Venue

Department of Agricultural, Food and Forestry Sciences

University of Palermo

Viale delle Scienze – building 4

90128 Palermo – Italy

Website: www.unipa.it

PROVISIONAL PROGRAM

Monday, 12 february (afternoon)

Introduction to the School and Presentation of participants
Basic lectures on the soil-plant-microorganism system and their interactions
Welcome cocktail

Tuesday, 13 february (full day)

Key note: Prof. Yakov Kuzyakov (University of Göttingen, Germany)
Lectures on nutrient dynamics and agricultural production in different pedoenvironments
Trainees presentations

Wednesday, 14 february (full day)

Key note: Prof. Yakov Kuzyakov (University of Göttingen, Germany)
Lectures on statistical methods in Agricultural Chemistry
Key note: Prof. Mercedes Verdeguer (Universitat Politècnica de València)
Laboratory activities (Porosimetryr, NMR principles, methods of extraction of phyto-compounds, biochemical methods for soil analyses)
Social dinner

Thursdays, 15 february (morning)

Guidelines for writing and publishing in international journals
Analytical methods for the traceability of agricultural productions
Student feedbacks, poster awards
Closing ceremony

Registration to the School

The deadline for registration is 31.12.2017.

The number of Trainees is limited to 30 participants (PhD students, post docs, scientists, technicians).

Registration fee is 70 € and includes participation to scientific sessions (lectures and practical sessions), coffee breaks, lunches and a digital copy of the book of abstracts.

Details about the payment of the registration fee will be provided by the 2nd circular.

Poster and abstract presentation

Deadline for abstract submission is **15 January 2018**. Abstract should not exceed one word page (single spaced, times new roman 12 pt) and authors' names and affiliations should be indicated. Each participant is asked to present a poster during the School. Posters should match the following size: (80 (w) x 100 (h) cm). Posters will be discussed (5+2 minutes) by each participant during a dedicated poster session on Tuesday afternoon. The Scientific Committee will select the three best posters to be awarded with a prize of € 100.00 each. Selection will be done according to scientific content, novelty and presentation quality and immediacy.

Abstract should be sent as word file to vitoarmando.laudicina@unipa.it.

How to reach Palermo

The Falcone e Borsellino Airport is about 35 km far from Palermo.
(<http://www.gesap.it/index.php?livello=Gesap&sezione=189&lang=en>)

To reach Palermo from the Airport and vice versa:

by Bus

Autolinee Prestia e Comandè (The bus is outside the Airport Arrivals Area – right side). Step off the bus at the Terminal Central Station (last stop). The bus timetable is:

- from the Airport first trip 05.00 - from 6.30 to 23.30 - every half hour - last trip 00:15
- from Palermo - first trip 4.00 last trip 22.30 - every half hour

One-way ticket price: € 6.30

Return ticket (at the airport): € 10.00

by Taxi sharing

The airport's taxi service is in operation from 06.00 to 24.00 and the taxi rank is to be found outside the Arrivals Area. Fares from the Airport to Palermo (Central Station) or vice versa is about € 7.00 (the taxi will leave when it is full).

Accommodation

Trainees and Trainers are invited to book themselves the room.

More information about accommodation will be provided by the 2nd circular.

Organizing committee

Vito Armando Laudicina, *University of Palermo*
Fabrizio Araniti, *University of Reggio Calabria*

Luigi Lucini, *University Cattolica del Sacro
Cuore of Piacenza*

Youri Pii, *Free University of Bolzano*

Roberto Terzano, *University of Bari*

Scientific committee

Roberto Pinton, *University of Udine*
Teodoro Massimo Miano, *University Aldo Moro
of Bari*

Claudio Ciavatta, *University of Bologna*

Paola Adamo, *University Federico II of Napoli*

Luigi Badalucco, *University of Palermo*

Luisella Celi, *University of Torino*

Luca Espen, *University of Milano*

Nicola Tomasi, *University of Udine*

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