



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DISPAA

DIPARTIMENTO DI SCIENZE DELLE
PRODUZIONE AGROALIMENTARI
E DELL'AMBIENTE

Summer School (Student level)



What a brave new soil!

7th, 8th, 09th and 11th July 2014 Firenze, Italia

Organizers: Maria Teresa Ceccherini and Paolo Nannipieri

DISPAA – Department of Agrifood and Environmental Science, Scuola di Agraria – University of Florence, Italy

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Registration fee for simple students: € 10,00

(It includes the lessons of 7th, 8th, 9th and 11th July, all coffee breaks; lunch and accommodation are **not** included)

The student who'll attend the summer school will receive a **certificate of attendance**.

Program

Monday, July 7th		
Network workshop		
Location:	Istituto di Chimica, via Gino Capponi, 9	Room 16 (14)
09:30 – 09:40	Welcome, introduction to the course <i>What is it?</i>	Prof. Paolo Nannipieri (UniFI); Dr. Maria Teresa Ceccherini (UniFI)
09:40 – 10:00	Coordinators' report (All attending including Advisory board members).	Prof. Søren Sørensen (KU)
	Individual presentations of the fellows Each fellow will make a presentation showing the work done until now. Each presentation will be of 10 minutes and include powerpoint slides .	
10:00 – 10:10	ER3 Anne Schoeler (HMGU)	
10:10 – 10:20	ESR1 Inês Nunes (KU)	
10:20 – 10:30	ESR2 Claudia de la Cruz (KU)	
10:30 – 10:40	ESR3 Stephanie Jurburg (RUG)	
10:40 – 10:50	ESR4 Irshad UI Haq (RUG)	
10:50 – 11:00	ESR5 Maria de Vries (HMGU)	
11:00 – 11:15	Coffee break	
11:15 – 11:25	ESR6 Jean-Sébastien BEAULNE (ECL)	
11:25 – 11:35	ESR7 Laura SANGUINO CASADO (ECL)	
11:35 – 11:45	ESR8 Barbara Doreen Bahnmann (IMIC)	
11:45 – 11:55	ESR9 Shamina Imran Patha (UniFi)	
11:55 – 12:05	ESR10 Divyashri Baraniya (UniFi)	
12:05 – 12:15	ESR11 João Raimundo (UC-FCTUC)	
12:15 – 12:25	ESR12 Susana Santos (AU)	
12:25 – 12:35	ESR13 Valentina Imparato (AU)	
12:35 – 12:45	ESR14 Elisavet Zoupanidou (UNIGE)	
12:45 – 14:00	Lunch break – not included	
	Supervisory board meeting	(All fellows and partners, room 14)
14:00 – 15:00	Associate partner presentations	
15:00 – 16:00	Administrative summary	Søren Sørensen/Tim Evison
16:00 – 16:15	Tea break	

Tuesday, July 8th	<i>THE SOIL</i>	
Location:	Istituto di Chimica, via Gino Capponi, 9	
09:20 – 09:30	Welcome, introduction to the course	Maria Teresa Ceccherini (UniFI)
09:30 – 10:20	Main Lecture <i>Soil as a Biological System: a history of conquest</i> (or the achievements of soil science)	Prof. Paolo Nannipieri (UniFI)
10:20– 11:10	Interactions between bacteria and protozoa in soil	Prof. Anne Winding (AU)
11:10-11:25	Coffee break	
11:25 – 12:15	The Organic Substance in Soil	Prof. A. Piccolo (UniNA)
12:15 – 13:30	Lunch break – not included	
13:30 – 14:15	Living soil: who is active there and what are they doing	Prof. Petr Baldrian
14:15 – 15:00	The Nutrients in Soil: the case of the Nitrogen Cycle	Prof. Michael Schlöter (HMGU)
15:00 – 15:45	The knowledge on the interaction between different microbial populations in natural environments.	Prof. Søren Sørensen
15:45 – 16:00	Tea break	
16:15 – 17:15	Free visit to “Giardino dei semplici”	

Wednesday, July 9th	<i>THE BRAVE SOIL</i>	
Location:	Istituto di Chimica, via Gino Capponi, 9	
09:30	Welcome, introduction to the course	Maria Teresa Ceccherini (UniFI)
09:30 – 10:00	Soil as <i>Protein Reservoir</i> : fishing for functions	G. Renella (UniFI)
10:00 – 10:30	The Soil as <i>Genetic Reservoir</i> : eDNA	J. Ascher (UniFI; University of Innsbruck, Austria)
10:30 – 11:00	Soil Greenhouse - Gas emission	Dr. Lagomarsino (CRA)
11:00 – 11:15	Coffee break	
11:15 – 12:30	Soil bioremediation systems: a concrete evidence	S. Danini (WSR Mantova)
12:30 – 13:30	Lunch break – not included	

Friday, July 11th	<i>THE EXTREME, NEW SOIL</i>	
Location:	Istituto di Chimica, via Gino Capponi, 9	
09:45	Welcome, introduction to the course	Maria Teresa Ceccherini (UniFI)
09:45 – 10:30	The Extra-terrestrial soil: Mars	Prof. Giacomo Pietramellara (UniFI)
10:30 – 11:15	Glaciers and Soils	Prof. Fiorenzo Ugolini (UniFI)
11:15 – 11:30	Coffee break	
11:30 – 12:15	The soil-plant system and mycorrhizal symbioses	Prof.ssa Manuela Giovannetti (UniPI)
12:15 – 13:30	Lunch break – not included	
13:30 – 14:15		Invited speaker
14:15 – 15:15	Soil plant pathogens	Prof. Capretti (UniFI)
15:15 – 15:30	Tea break	
15:30	Open Round Table (Opinions on what has been done)	Maria Teresa Ceccherini (UniFI)
16:00	Summation and Greetings	Prof. Søren Sørensen (KU); Prof. Paolo Nannipieri (UniFI)

It is suggested to find an accommodation by yourself, there are many offers in Florence.

Anyway, the hotel indicated below can offer a special rates for this summer school; it is located near the location of the school:

[Hotel Malaspina *** deluxe](#)

[Piazza indipendenza 24](#)

[50129 Firenze](#)

www.malaspinahotel.it

The hotel is pleased to offer you from July 7 to July 11 (4 nights) for the
“ TRAINBIODIVERSE SUMMER SCHOOL “ the availability of Single, Double and Double single use rooms at the following special rates :

Single room Euro 67,00

Double Room Euro 95,00

Double Single Use room Euro 78,00

Please, cite the name of the Trainbiodiverse Summer School to obtain the special rates.

Rates are per room, per night and are including buffet breakfast.

The Hotel provides the service garage with valet service at the daily cost of Euro 25,00

The Hotel is also provided with wi-fi connection, and works with some selected restaurants.

We also inform you that the city tax (3,00 euros per day, per person) should be paid in cash at the arrival time.

