



Dipartimento di Scienze dei Sistemi Culturali, Forestali e dell'Ambiente, Università della Basilicata

INTERNATIONAL SUMMER SCHOOL PESTICIDES-ENVIRONMENT 2007

[Final circular](#)

Hotel Magna Grecia Village**** (Metaponto-Matera-Italy), 9 - 14 September 2007

Since 2003, the Italian Group on Pesticides and Environment (GRIFA; www.grifa.org), jointly with the MGPR (Mediterranean Group of Pesticide Research), has organized a cycle of summer schools for young researches involved in Pesticides and Environment topics. During these events, selected international speakers from both public and private institutions have presented the most important issues and the scientific and technological innovation in this field of research.

The 2007 edition of the [International Summer School Pesticides-Environment](#) will be organized jointly with the [International PhD in "Crop Systems, Forestry and Environmental Science"](#) (www.csyfes.it). The Summer School will present the latest research into the environmental behaviour of pesticides and its application in assessing and managing risks to the environment and human health. Key environmental compartment, basic processes, models, analytical methodologies, toxicological and ecotoxicological problems, alternative strategies will be focused. The programme will be of interest to environmental scientists from university, research organisations, industry, government and to those in related disciplines seeking a concise overview of the state of the art. At the end of the School a Participation Document and based on practical assessment ECT will be released.

Maximum number of participants is **60**. Selections will be made by the Organising Committee.

Lectures, presentations and proceedings

Applicants are permitted to give a 20 min oral presentation concerning their research activities. Presentations will be published in the special GRIFA publication No. 26 (ISBN acquired and assigned), together with given lectures.

The texts of presentations should be sent 3-4 days before the beginning of the Summer School. A large freedom for the preparation of the text is permitted. The classic scheme is: title, authors names and affiliation, 100 words abstract, 4 key words different from which included in the title, aim, state of the art, methodology, results, discussion (conclusion). Nevertheless, we should homogenize style. Please, use times new roman 12, title in capitals, single space the text, insert figures and tables in the text. Max length 20 pages. During the "tutorial and communications" time (daily in the afternoon), attendees could present their communications and discuss the morning experiences.

Locations

The Summer School will be held at the Hotel Magna Grecia Village (www.magnagreciavillage.com) from 9th to 14th of September. Accommodation facilities will be offered to all participants.

Further information on how to reach Metaponto village from Napoli, Bari, Brindisi or Taranto will be later sent to the participants.

The attending fee, including school package and **full board** accommodation in the Hotel (5 nights + meals), is:

400 €	for lodging in a double/triple room
280 €	for PhD students in double/triple room
320 €	for accompanying persons (excluding school package)
62 €	per day, weekend stay more in a double/triple room
30%	additional rise for a single room accommodation
*4 €	Club Card - per person a day children 0/3 years excluded, includes: water-gym, aerobics, archery, disco, day and night entertainment with games and cabaret shows, welcome aperitif, 2 swimming pools for adults and children with solarium and hydro-massage area, canoeing, 2 tennis courts for daytime use, multi-purpose field for five-a-side football and volleyball, 2 bowling greens, life-trail through a pine forest; on the beach, linked by shuttle service at fixed times, one beach umbrella and two sun-beds per room.

* compulsory contribution to be paid at Hotel reception desk

The airports closer to the Hotel are Bari and Brindisi (1 h 30 min far from Metaponto Lido). Please, let us know the scheduled time of your arrival.

A shuttle bus will be available (**with an extra fee of 10 €**) at Bari airport on Sunday 9 in the afternoon (last departure 18:30 h) and from Magna Grecia Hotel to Bari airport on Friday 14 (departure 15:30 h, after lunch). Attendees who need this service are requested to send a message to sabino.bufo@unibas.it.

Metaponto can also be reached by train *via* Taranto, a courtesy car offered by the hotel is available on telephonic request to the reception desk (T. +39 0835 745661; F. +39 0835 741855; M. +39 339 7336018).

Sponsorships:

- Regione Basilicata, Dipartimento Attività Produttive, Politiche dell'Imprese, Innovazione Tecnologica
- University of Basilicata
 - Athenaeum,
 - Faculty of Agriculture
 - Department of Agriculture, Forestry and Environment
 - PhD School 'Crop Systems, Forestry and Environmental Sciences'
- Metapontum Agrobios
- Agilent Technologies
- Thermo Scientific
- LabService Analytica s.r.l.

Administration

Department of Agriculture, Forestry and Environment - University of Basilicata, Potenza, Italy
(Dipartimento di Scienze dei Sistemi Colturali, Forestali e dell'Ambiente, Università della Basilicata, Via dell'Ateneo Lucano 10, I 85100 Potenza).

Persons who would like to attend the school should send before July 24th, 2007 an e-mail to: summerschool@grifa.org: with the following information:

<p><i>GRIFA Summer School 2007 - Application form</i></p> <p>Name, Surname: _____</p> <p>Affiliation: _____</p> <p>Address: _____</p> <p>Phone number: _____</p> <p>Fax number: _____</p> <p>E-mail: _____</p> <p>Research position (specify if PhD students): _____</p> <p>Title of 20 min oral presentation (if one): _____</p> <p>_____</p>
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PhD students are requested to send a document attesting their status (fax it to +39 0971 206226, Prof. Sabino A. Bufo)

Selected participants will be notified by e-mail before July 25th, 2007. Attending fee must be paid by July 30th, 2007, through bank transfer to:

Dipartimento Sistemi Colturali, Forestali e Ambiente - Università della Basilicata

Bank: Banca Popolare di Bari, sede di Potenza

IBAN (bank account): IT25 Z054 2404 2970 0000 0170 187

SWIFT (BIC): BPBAIT3B

For transfers from Italian banks the simple BBAN number can be used:

BBAN: **Z 05424 04297 000000170187** (CIN Z; ABI 05424; CAB 04297; c/c 000000170187)

For any problem please contact Prof. Sabino A. Bufo (sabino.bufo@unibas.it)

INTERNATIONAL SUMMER SCHOOL PESTICIDES-ENVIRONMENT

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Final Programme

http://www.csyfes.it/images/stories/SSPROGRAMME_07.pdf

Date	Hour	Lectures/events	Lecturers/notes	
Sunday	09	20:30	Welcome dinner	
Monday	10	09:00 – 09:30	Opening ceremony	- Antonio Mario Tamburro ; Rector of University of Basilicata. - Rocco Viglioglia ; President of Metapontum Agrobios. - Regional Authorities
		09:30 – 11:15	Modelling pesticide leaching at the European and Member-State level	- Aaldrik Tiktak ; RIVM, The Netherlands.
		11:30 – 13:15	Applications of inclusion processes for prevention of soil pollution and remediation	- Tomás Undabeytia ; Instituto de Recursos Naturales y Agrobiología de Sevilla - C.S.I.C., Spain.
		15:30 – 17:30	<i>Tutorials and communications</i>	- Tommaso Cataldi ; Department of Chemistry, University of Basilicata, Italy.
Tuesday	11	09:00 – 10:30	Multi-residue analysis: new developments and tools	- Marco Zanotti ; AGILENT Technologies.
		10:45 – 12:15	Current and novel analytical methodology for the analysis of pesticides in the aquatic environment	- Silvia Díaz-Cruz ; Department of Environmental Chemistry, IIQAB-CSIC, Barcelona, Spain.
		12:15 – 13:30	<i>Discussion</i>	
		15:30 – 15:50	<i>Communications</i>	
		16:00 – 17:30	<i>Metapontum Agrobios research centre: visit and training at chemistry labs</i>	- Achille Palma ; Metapontum Agrobios.
Wednesday	12	09:00 – 10:30	Monitoring and risk assessment of pesticides in the environment	- Ioannis Konstantinou ; Department of Environmental and Natural Resources Management, University of Ioannina, Agrinio, Greece.
		10:45 – 12:15	High resolution mass spectrometry for metabolites' identification with or without chromatographic separation	- Christian Andalò ; THERMO Electron.
		12:15 – 13:30	Biomarkers for the assessment of effects and/or exposure to environmental contaminants	- Lúcia Guilhermino ; University of Porto, Portugal
		15:30 – 17:30	<i>Tutorials and communications</i>	- Maurizio D'Auria ; Department of Chemistry, University of Basilicata, Italy.

Follows in the next page

Date	Hour	Lectures/events	Lecturers/notes
Thursday 13	09:00 – 10:30	Photo-catalysis an efficient tool for pesticides' remediation in limited environments	- Jean-Marc Chovelon ; IRCELYON, Université Claude Bernard, Lyon, France.
	10:45 – 12:15	Interactions of nonliving natural organic matter with pesticide residues and endocrine disruptor compounds	- Nicola Senesi ; University of Bari, Italy.
	12:15 – 13:30	<i>Discussion</i>	
	15:30 – 15:50	<i>Communications</i>	
	16:00 – 17:30	<i>Metapontum Agrobios research centre: visit and training at Biotechnology and Field efficacy labs</i>	- Francesco Cellini ; Metapontum Agrobios.
Friday 14	09:00 – 10:30	Groundwater risk assessment - high tiers	- Jos Boesten Environmental Risk Assessment Team, Alterra, Wageningen, The Netherlands
	10:45 – 12:15	The use of in-situ and model ecosystems in risk assessment	- Amadeu Soares Department of Biology, University of Aveiro, Portugal
	12:15 – 12:35	<i>Communications</i>	
	12:35 – 13:15	<i>Discussion and closing remarks</i>	- Marco Trevisan and Ettore Capri , Università Cattolica del S. Cuore - Sabino A. Bufo ; University of Basilicata
	13:30	Conclusion lunch	
	15:00	Departures	

Date	Hour	Tutorials and communications	Name and affiliation
Monday Chairman T. Cataldi	15:30 – 15:50	Construction and validation of an agro-ecological indicator to predict pesticide surface water contamination	- Julie Wohlfahr ; INRA Centre de Colmar, France
	15:50 – 16:10	Effects of sublethal concentrations of pesticides on development, reproduction and ultrastructure of insects	- Zbigniew Adamski ; Department of Animal Physiology and Developmental Biology, Adam Mickiewicz University, Poznan, Poland.
	16:10 – 17:00	Tutorial: Introduction to the spectrometric methods for pesticide derivatives identification	- Tommaso Cataldi ; Department of Chemistry, University of Basilicata, Italy.
	17:00 – 17:30	Discussion	

Follows in the next page

Date	Hour	Tutorials and communications	Name and affiliation
Tuesday	15:30 – 15:50	Effluent irrigation and pesticide fate	- Karin Mueller ; AgResearch Limited Ruakura Research Centre. Hamilton, New Zealand
Chairman A. Palma	11 16:00 – 17:30	Metapontum Agrobios research centre: visit and training at chemistry labs	- G. Accoto, D. Bochicchio ; pesticide analysis with new and traditional methods
Wednesday	15:30 – 15:50	Fate and behavior of chlorpyrifos and glyphosate at a field level in Apalta catchments - I. Experimental phase	- Adriana Nario ; Chilean Nuclear Energy Commission Santiago, Chile
Chairman M. D’Auria	12 15:50 – 16:10	Total copper concentrations evaluated by Potentiometric Stripping Analysis (PSA) in five Apulian (Southern Italy) organic vineyards and olive groves	- Hamid El Bilali ; Dipartimento di Biologia e Chimica Agro-Forestale ed Ambientale (DiBCA), University of Bari
	16:10 – 17:00	Tutorial: Introduction to the photochemistry of pesticides	- Maurizio D’Auria ; Department of Chemistry, University of Basilicata, Italy.
	17:00 – 17:30	Discussion	
Thursday	15:30 – 15:50	Photocatalysis with polyoxometallates as a new Advanced Oxidation Process for the destruction of pesticides in aquatic systems	- Anastasia Hiskia ; Institute of Physical Chemistry, National Center for Scientific Research “Demokritos”, Athens, Greece
Chairman F. Cellini	13 16:00 – 17:30	Metapontum Agrobios research centre: visit and training at Biotechnology and Field efficacy labs	- Giovanni Lacertosa ; Field efficacy and residue trials - Rosanna Cifarelli ; PCR and sequencing analysis - Pasquale D. Grieco ; Elisa for plant virus detection
Friday	12:15 – 12:35	Fate of pesticides in forest and organic and conventionally managed tea soils. Worker health due to long exposure to organic and conventional tea cultivation systems: with special reference to male reproductive capacity.	- Keerthi Mohotti ; Tea Research Institute of Sri Lanka.
Chairman M. Trevisan	14		

The Organising Committee

Prof. Marco Trevisan

GRIFA president

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