

The Italian Chapter of the International Humic Substances Society (IHSS)



1st Circular National Meeting

5-7 December 2011



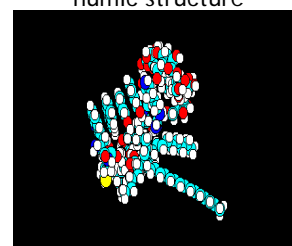
Royal Palace of Portici
Via Università 100, 80055 Portici (NA), Italy

Molecular Aspects of Humic Substances and Biological Functionality in Soil Ecosystems

Scientific Objectives

Humic substances (HS) play an essential role in soil ecosystems for plant nutrition and biostimulation, microbiological substrate, C and N dynamic sink, and pollution control. Knowledge of HS chemistry has been advanced significantly in recent years due modern instrumentation. However, a detailed molecular and conformational understanding of HS is still lacking and so is the mechanism for their bioactivity in rhizosphere and soil. This meeting wants to contribute to the vital challenge to establish valid structure-bioactivity relationships for HS.

A supramolecular
humic structure



Venue and Organizing Committee



Royal Palace of Portici

The Meeting will take place in the XVIIIth century **Chinese Room** of the **Summer Royal Palace of the Bourbon Kings of Naples** in Portici, where the **Faculty of Agriculture** of the University of Naples Federico II is actually located (<http://www.agraria.unina.it>).

The Meeting is organized by the Interdepartmental Research Centre on Nuclear Magnetic Resonance for the Environment, Agro-food, and New Materials (CERMANU) of the University of Naples Federico II, on care of Prof. Alessandro Piccolo, and Drs. Riccardo Spaccini, Antonio Nebbioso, and Barbara Fontaine.

Invitation and Registration fees

All scientists, post-docs and students working in the area of HS or natural organic matter are invited to participate and present their results as either oral or poster presentations. *The meeting will be held exclusively in the English language.*

Participants' registration fee within October 30, 2011, will be **150 Euro for employed scientists** and **100 Euro for students and post-docs**. The fee will include the final program, book of abstracts, lunches and coffee-breaks, and Gala Dinner.

In the Annex hereafter, a Form contains information for registration and fee payment to be returned as *pdf* to Prof. Alessandro Piccolo by e-mail (alpiccol@unina.it) or post (CERMANU, Via Università 100, 80055 Portici, Italy).

Provisional Program

The Meeting will consist of four thematic sessions, including invited (40 min) and volunteered keynote (20 min) lectures, as well as oral (15 min) and poster presentations.

Monday December 5. 12.00 - 18.00

HS Chemistry and Structure

Welcome speeches, and **Plenary Lecture on "Molecular characterization of humic substances in the environment by pyrolysis-GC-MS"** by Prof. José Gonzalez-Perez, CSIC, Seville, Spain.

Buffet Lunch. Oral presentations

Tuesday December 6. 9.00-18.00

Morning Session. HS-Microbes relations

Plenary Lecture "Humus genesis reviewed - microbial biomass as a significant source for soil organic matter formation" by Prof. Matthias Kästner, UFZ Department Umweltbiotechnologie, Leipzig, Germany.

Coffee-Break, Poster session, Oral presentations. Buffet Lunch.

Afternoon Session. HS-Plant relations

Volunteered Keynote Lecture (to be determined), Oral presentations.

20.30 GALA DINNER

Wednesday December 7. 9.00-12.00

HS and environmental protection

Volunteered Keynote Lecture (to be determined), Coffee-Break. Oral presentations. Closing remarks.

Scientific Contributions

Oral presentations will last 12 min with 3 min discussion and common audiovisual hardware and software will be available. Preferential oral space will be given to young participants.

Poster dimensions will have to be 120 x 80 cm and their show and discussion will follow indication in the program schedule.

Abstracts [*a one A4 page, font Times New Roman 12, single space, 2.5 cm margins, 0,6 cm paragraph indent; Bold Title; space; First initial and last name of author/s; Affiliation; space; Text, 3-5 keywords*] should indicate the related thematic session and be delivered by e-mail to alpiccol@unina.it within **November 15, 2011**.

Special Issue of Agrochimica

Authors are invited to present a full article of either oral or poster presentation for publication, after peer-reviewing, in a **Special Issue** of "**Agrochimica**" (ISSN: 0002-1857; indexed in Journal Citation Reports, Science Citation Index, Scopus). The special Issue will bear the same title as the Meeting.

In order to ensure a rapid editing procedure for the Special Issue publications, authors should send their contributions resulting from the Meeting within **January 15, 2012** to Prof. Alessandro Piccolo (alpiccol@unina.it)

Accommodations

Three different quality hotel accommodations will be available through this Meeting for your reservation (by booking please mention IHSS meeting-Prof. Piccolo), at walking distance from the Royal Palace:

1. **Miglio d'Oro Park Hotel** (www.migliodoroparkhotel.it), a four stars superior Hotel, next to the Entrance of the Ercolaneum remains). In a XVIIIth century Vesuvian Palace, exceptionally high standard Deluxe rooms: Double room for single use: 80 Euro; double room for two persons: 100 Euro. It includes breakfast and parking facilities.
2. **Hotel Gold** (www.hotelgold.it) , conventional four stars Hotel in Portici. Double room for single use: 65 Euro; double room for two persons: 80 Euro. It includes breakfast and parking facilities.
3. **Fabric hostel** (www.fabrichostel.com). Simple but clean and comfortable accommodation for youngsters in Portici. Prices starting from 10 Euro/person per night. Breakfast is not included.

Contacts

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Patronizing Institutions



International Humic Substances Society (IHSS)



Centro Interdipartimentale di Ricerca sulla Risonanza Magnetica Nucleare per l'Ambiente, l'Agro-Alimentare ed i Nuovi Materiali (CERMANU)



Faculty of Agriculture of the University of Naples Federico II



Società Italiana di Chimica Agraria



**The Italian Chapter of the
International Humic Substances Society (IHSS)
"Molecular Aspects of Humic Substances and
Biological Functionality in Soil Ecosystems"
Royal Palace of Portici, 5-7 December 2011**

Registration Form

Prof. Dr. Mr./Ms.

Last Name* _____ First Name* _____

Birthplace and Date _____ Social Security No (Cod. fiscale)* _____

Affiliation* _____

Address _____ Zip _____ Town _____

Telephone _____ e-mail* _____

* Compulsory information

Presentation Type: Oral Poster

Title: _____

Thematic Session: _____

Author/s: _____

Registration Fee (including 20% VAT). Please check only one:

Participant Type	Within 30.10.2011	Beyond 30.10.2011
Employed Scientists	150,00 <input type="checkbox"/>	200,00 <input type="checkbox"/>
Student, Fellows, Post-docs, and other temporary scientists	100,00* <input type="checkbox"/>	150,00* <input type="checkbox"/>

* copy of studentship card and/or certificate by scientific tutor or advisor should be attached to this Registration Form

Payment must be done by bank transfer, on behalf of CERMNU, to Sanpaolo Banco Di Napoli, Branch of Portici (NA) - IBAN No.: IT13 B010 1040 0901 0000 0300 027 (attach copy of bank transfer to this Form).

Please indicate, as bank transfer reason: "IHSS-ITA 2011 CERMNU-Last name_participant". Bank fees are to be paid by the registering person.

Date, _____ Signature _____