

SOCIETÀ BOTANICA ITALIANA onlus

Associazione Scientifica Fondata nel 1888

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110° Congresso della Società Botanica Italiana onlus

II INTERNATIONAL PLANT SCIENCE CONFERENCE (IPSC)

***“NOT ONLY FOOD: SUSTAINABLE DEVELOPMENT, AGRO-
BIODIVERSITY CONSERVATION & HUMAN WELL BEING”***

in connection with

EXPO MILANO 2015 “FEEDING THE PLANET, ENERGY FOR LIFE”

Pavia, 14 - 18 September 2015

In collaboration with the University of Pavia

**Under the Patronage of the
Lombardy Region, GD Agriculture**

Programme

Monday 14 September 2015

- 15:00 Registration (Pavia Botanic Garden, Via S. Epifanio, 14)
16:00 19:00 Scheduled meetings of the Working Groups of the Italian Botanical Society
16:30 19:00 Poster Session (University-main building, Aula del Disegno, Piazza Leonardo da Vinci)
18:00 19:00 Lecture on “Flowers of Lombardy” by the Regional Section of SBI (Pavia Botanic Garden, Via S. Epifanio, 14)

Tuesday 15 September 2014

- 8:30 Registration (in the Aula del '400 of the University, Piazza Leonardo da Vinci)
9:30 10:30 Opening Ceremony in the Aula Magna of the University (Piazza Leonardo da Vinci)

General Session

Palazzo San Tommaso, Room G1 (Piazza del Lino, 2)

- 10:45 12:45 Introduction to the themes of the Symposia

Keynote lectures

- **Miguel A. Altieri**, University of Berkeley, California, USA (30 + 10 min)
- **Joyce Maschinski**, Kushlan Tropical Science Institute, Fairchild Tropical Botanic Garden, Florida, USA (30 + 10 min)
- **John Doebley**, Genetics Department, University of Wisconsin, USA (30 + 10 min)

- 13:00 14:30 Lunch

Thematic Symposium 1

Ecosystem services in agricultural landscapes: the role of plants and fungi

Palazzo S. Tommaso, Room G1 (Piazza del Lino, 2)

Key words: greening, Common Agricultural Policy, multifunctionality, green economy, CO₂ absorption, pollination, erosion control, bioremediation, cultural and rural landscapes, green infrastructures

- 14:30 17:30
- **Mirco Migliavacca**, Max Planck Institute, Jena, Germany (20 + 5 min)
 - **Lene Lange**, Copenhagen University, Denmark (20 + 5 min)
 - **Daniel Wipf**, INRA/CNRS/Université de Bourgogne, France (20 + 5 min)
 - Other presentations to be selected from abstracts
- 18:00-19.30 Poster session
- 20:00 Welcoming party
- 21:00 Concert offered by ADRAT CNU, University of Pavia

Wednesday 16 September 2015

Thematic Symposium 2
Plants adaptation and mitigation in the face of climate change

Palazzo San Tommaso, Room G1 (Piazza del Lino, 2)

Key words: resilience, resistance, phenology, reproduction, stress adaptation, translocation activities, assisted colonization, biology of invasion, protected natural areas management

09:15 12:45

- **Beat Keller**, University of Zurich, Switzerland (20 + 5 min)
- **Hans De Boeck**, University of Antwerp, Belgium (20 + 5 min)
- Other presentations to be selected

13:00 14:30 Lunch

Thematic Symposium 3
Agro-biodiversity and its conservation

Palazzo San Tommaso, Room G1 (Piazza del Lino, 2)

Key words: Crop Wild Relatives, landraces, sustainable crop management, wild plants for biomass production, from crop to alien, in/ex situ plant conservation and potential use, archeobotany, plant domestication, botanic gardens

14:30 18:00

- **Jonas Muller**, Royal Botanic Gardens, Kew, Millennium Seed Bank, UK (20 + 5 min)
- **Lorenzo Maggioni**, Roma, Biodiversity International (20 + 5 min)
- **Kate Willis**, (20 + 5 min)

Other presentations to be selected from abstracts

18:30 Assembly of the Italian Botanical Society (members only) at Pavia Botanic Garden

21:00 Congress social dinner

Thursday 17 September 2015

Thematic Symposium 4
Plants and fungi for human well being

Palazzo San Tommaso, Room G1 (Piazza del Lino, 2)

Key words: food safety, food security, medicinal plants and fungi, functional food, local and traditional food and their properties, plant and food biotechnology

9:30 12:00

- **Cathie Martin**, John Innes Centre, UK (20 + 5 min)
- **Young Hae Choi** University of Leiden (NL) (20+5 min)
- **Lanfranco Conte**, University of Udine (20 + 5 min)
- Other presentations to be selected from abstracts

12:00 13:00 Closure Ceremony

13:00 14:30 Lunch

Post Congress, open conference

Aula del '400 (Piazza Leonardo da Vinci)

- 14:30 16:30 Special Session on plant genetic resources and Access Benefit Sharing (ABS) in the framework of the EU Regulation No. 511/2014 and Nagoya International Treaty. In collaboration with MATTM, MIPAAF, and the Association "Jurists for the Environment Club"
- 16:30 19:00 **Roundtable discussion organized by Pavia University** on sustainable use of biodiversity, in collaboration with NGOs (Slow Food, Coldiretti, ecc.)

Friday 18 September 2015

Tour to EXPO MILANO 2015 – Milan, Exhibition site

Planned conference on biodiversity conservation in the Biodiversity Park area. Facilitators: Prof. Stefano Bocchi and Prof. Ilda Vagge (Milan State University, Agronomy branch), Dr. Antonio Tagliaferri and Rossana Tonesi (Lombardy Region GD Agriculture).

Special visit to the Italian pavilion, the research area managed by the Italian CNR, Slow Food and other pavilions

Free activity

Saturday/Sunday 19-20 September 2015

"Piazza Italia Market": exhibition and market of the best Italian landraces and local products (farmers, research institutions, NGOs, etc.).

From 14 to 20 September 2015 two exhibitions will be active in the area of the International Conference:

- 1) "Secret life of plants", organized by the Botanical Garden Network of Lombardy
- 2) "Le carte dei cibi", historical documents regarding food from the University Library of Pavia, organized by Dr. Luisa Erba, Prof. Agnese Visconti and others.

The timetable may be subject to changes.

Sponsor

Fondazione Banca del Monte di Lombardia
Università degli Studi di Pavia

Supporter

Regione Lombardia, DG Agricoltura
ADRAT CNU
CRA Consiglio per la Ricerca in Agricoltura e l'analisi dell'economia agraria
EXPO 2015

Dear Members,

we are pleased to invite you to the 110th Congress of the Italian Botanical Society (International Plant Science Conference) to be held in Pavia from 14 to 18 September 2015 in the historic center of the city.

The Congress, to which 12 renowned international speakers have been invited, will take place in the historic buildings of the University of Pavia (<http://www.unipv.eu/site/en/home.html>): the Botanic Garden, the main university (Aula Magna, Room of the '400, Drawing Room) and Palazzo San Tommaso. The social dinner will be held in Pavia in a site of historical importance.

The speakers will provide an overview of recent developments and approaches in their field of research and will share with the audience their thoughts and ideas for the future development of their research. We hope that this conference will attract not only established scientists, but also PhD students, postdocs and young scientists interested in listening to the presentations or in presenting their own work in related topics.

The official language of the conference, as in 2014, will be English, except for post-conference events of September 17, in Italian.

Submission of abstracts for poster and/or oral (to be decided by the organizers) presentations are welcome and registration by all interested participants will open soon.

As for accommodation, the center of Pavia unfortunately does not offer a great choice of hotels, but these are available nearby. University colleges and B&Bs, of variable cost and category, and reachable from the venue of the Congress on foot, by car or by bus, are also available. It is advisable to make reservations as soon as possible because the influx of tourists in the city during that period is predictably high due to the concomitant event EXPO MILANO 2015 (45 km away).

The Organizers

TERMS AND FEES FOR CONGRESS REGISTRATION

Both registration and submission of the abstracts must be made online from our website using the available form, which can be accessed from the address <http://www.societabotanicaitaliana.it/congresso>.

If you have any difficulties, please contact the Secretariat of the Italian Botanical Society (sbi@unifi.it).

Payment must be made at the time of registration using one of the following methods and indicating "Participant Name - 110th SBI Congress":

- online in the same Congress pages

- Bank transfer to our account at Banca Prossima, Filiale di Milano, Presidio Commerciale di Firenze - IBAN IT90 K033 5901 6001 0000 0019 636

- Transfer to our Bancoposta at Italian Post - IBAN IT 40 D 07601 02800 000 013 803 507

- Payment with postal bulletin c/n. 13803507 payable to: Società Botanica Italiana, Via G. La Pira 4, 50121 Firenze.

Registration fees	before 31/05/2015	after 31/05/2015
SBI members	€ 200.00	€ 250.00
SBI member students, PhD students, post-docs, research fellows, etc.	€ 80.00	€ 150.00
Non members	€ 230.00	€ 280.00
Non member students, PhD students, post-docs, research fellows, etc.	€ 100.00	€ 160.00
Registration for one day only	€ 60.00	€ 80.00

The registration fee includes lunch on 15, 16 and 17 September.

Participation in the post-congress events (in Italian) is free for SBI members and for non-members.

Depending on the financial contributions that will be collected, it may be possible to cover other costs.

In case of non-participation 70% of the pre-paid registration fees will be refunded, but only if the cancellation is made by August 31, and only if the abstract has not been sent..

LOGISTICS

Hotels and colleges are divided into two groups:

- Hotels in the city centre (congress venue reachable in 20 minutes by foot).
- Hotels located outside the city, and reachable by car or bus or, as in the case of the Hotel Riz (which offers special rates for Congress participants), with a bus service provided by the organizers.

In the list below, for both hotels and colleges, the distance in kilometers from the Central University (venue of the Congress) is indicated. Most of the hotels contacted by the organizers offer accommodation with breakfast at a lower than normal rate until the date indicated in the "notes and services offered." The prices are for two people in a double room and for a single or double room for a single person (DUS). When booking, please mention that you are registered at the 110th Congress of the Italian Botanical Society and make sure the price is as specified below.

Finally you can find a list of the best B&Bs in the city and in the immediate vicinity.

The Congress will be held mostly in the central headquarters of the University of Pavia, at the Botanic Garden and in Palazzo San Tommaso, in the historic center of the city, which is (apart from the Botanic Garden) a restricted traffic zone and in some areas only pedestrian. The city centre is well served by public transport (bus) and taxi, which will make transfer to and from the Congress venues fairly easy.

By train: from the station of Pavia the Congress venue can be reached on foot (about 15-20 minutes), or with bus n. 3 (stop: Piazza Vittoria). See map 1 on the Congress site.

By car: if you are arriving from Milan take the motorway (autostrada) A7 Milano-Genova, exit at Bereguardo, take the ring road to Pavia, then take the West motorway (tangenziale Ovest), exit at the Stadium (Stadio). If you are arriving from the south take the Genova-Milano motorway (Autostrada A7), then take the same exit Bereguardo, and follow the same directions. See map 2.

HOTEL ACCOMODATION

All rates include breakfast

**Special B&B prices for conference participants
and accompanying persons 14-17 September 2015**

Hotel reachable on foot (close to the railway station)	For two people in double room	For one person in single or dou- ble room (DUS)	Distance from the Congress venue	Notes and services of- fered
HOTEL MODERNO 27100 Pavia - viale Vittorio Emanuele II 41 - tel + 39 0382.303401 info@hotelmoderno.it http://www.hotelmoderno.it	€ 166.00	€ 152.00	1 km	Breakfast Buffet Rates up to 31.03.2015
HOTEL ROSENGARTEN 27100 Pavia - via Cesare Lombroso 21/23 angolo viale Golgi - tel +39 0382.526312 info@rosengarten.pv.it http://www.rosengarten.pv.it	€ 100.00	€ 71.00 - € 89.00	1.2 km	Breakfast and restaurant Rates up to 28.02.2015

Hotel reachable by car	For two people in double room	For one person in single or double room (DUS)	Distance from the Congress venue	Notes and services offered
HOTEL RIZ 27010 San Genesio ed Uniti (PV) - via dei Longobardi, 3 - tel. +39 0382.580280 www.hotelrizpavia.com info@hotelrizpavia.com	€ 91.00	€ 71.00	6.7 km	Bus service provided by the Congress Rates up to 31.03.2015
HOTEL LE GRONDE 27051 Cava Manara (PV) - via Togliatti 102 - tel +39 0382.553942 info@hotellegronde.it www.hotellegronde.it	€ 90.00	€ 65.00 - € 70.00	9.3 km	Breakfast Buffet Rates up to 31.03.2015
HOTEL DE LA VILLE 27021 Bereguardo (PV) - via Ticino 44 - tel. + 39 0382.928100 www.hotel-delaville.com info@hotel-delaville.com	€ 89.00	€ 71.00	15.7 km	Rates up to 31.03.2015

University Colleges of EDISU

NB: for booking EDISU colleges please write exclusively to Ms Silvia Bodino silviabodi@libero.it (organization staff from Pavia University)

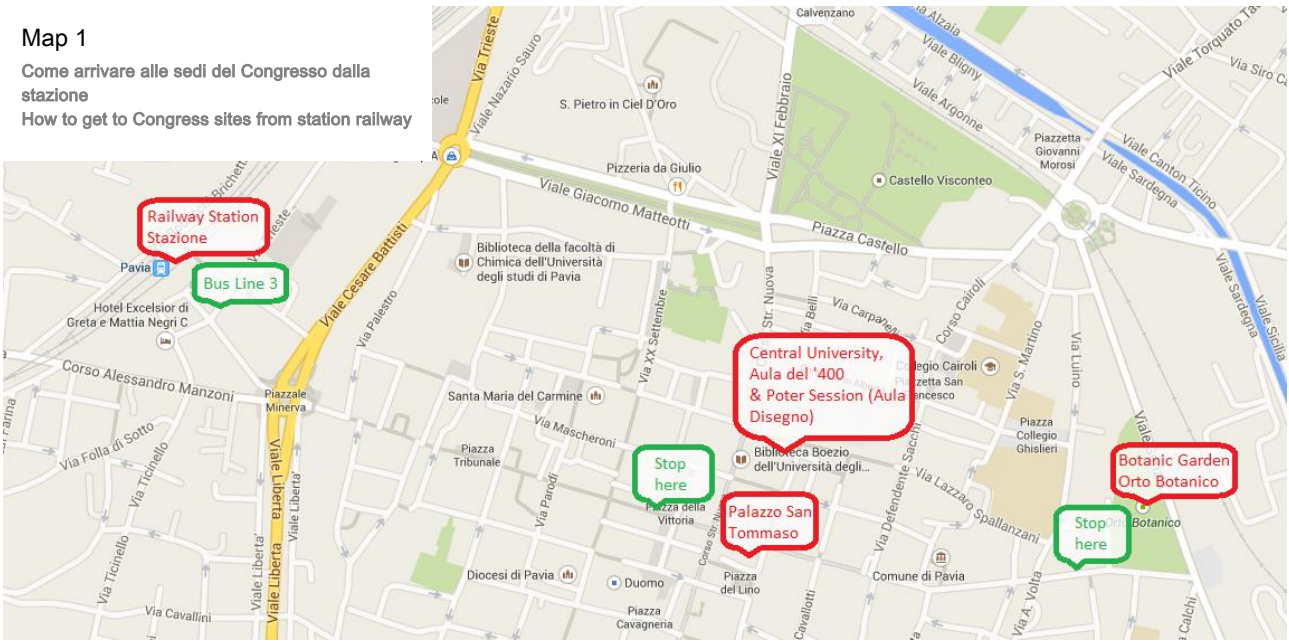
Colleges reachable on foot	For two people in double room	For one person in single or double room (DUS)	Distance from the Congress venue	Notes and services offered
University of Pavia Collegio Fraccaro 27100 Pavia - piazza Leonardo Da Vinci	€ 50.00	€ 40.00	90 m	Breakfast with key at dispensers
University of Pavia Collegio Castiglioni 27100 Pavia - via San Martino, 20	€ 50.00	€ 40.00	500 m	Breakfast with key at dispensers
University of Pavia Collegio Cairoli 27100 Pavia - piazza Collegio Cairoli, 1	€ 50.00	€ 40.00	700 m	Breakfast with key at dispensers
University of Pavia Collegio Valla Collegio Lorenzo Valla 27100 Pavia - viale Liberta, 30	€ 50.00	€ 40.00	1.2 km	Breakfast with key at dispensers

Colleges reachable by car or public transport	For two people in double room	For one person in single or double room (DUS)	Distance from the Congress venue	Notes and services offered
University of Pavia Collegio Golgi 27100 Pavia - via Aselli, 43	€ 50,00	€ 40,00	2,2 km	Breakfast with key at dispensers
University of Pavia Collegio Griziotti 27100 Pavia - via Giovanni Tavazzani, 58	€ 50,00	€ 40,00	4,1 km	Breakfast with key at dispensers

B&B	Distance from the Congress venue
Residenza I Mille B&B 27100 Pavia - via dei Mille, 117 - tel. +39 0382.27043 bianchiangelaluisa@alice.it	1,5 km
Ostello Santa Maria in Betlem 27100 Pavia - via Pasino, 7 info@ostellosantamariainbetlem.com - http://www.ostellosantamariainbetlem.com	1,8 km
Fasolo B&B 27100 Pavia - via Fasolo, 37 - tel. +39 0382.571543/338.911699 borgoratto@hotmail.com - http://www.alloggiapavia.com	3,0 km
Aura B&B 27028 San Martino Siccomario (PV) - Via Roma, 119 - tel. e fax +39 0382.559082 info@bb-aura.it - http://www.bb-aura.it	3,9 km
Cascina Giulia B&B 27100 Pavia - via Mascherpa, 71 - tel. +39 0382.525356 cascinagiulia@gmail.com	4,1 km
Le Azalee B&B 27100 Pavia - via Francana, 501 - tel. +39 0382.576833 bebazalee@gmail.com	5,0 km
Vecchio noce B&B 27020 Travacò Siccomario (PV) - Strada Orlandi - tel. +39 0382.482708/338.6102728 info@vecchionoce.it - http://www.vecchionoce.it	5,8 km
Cascina la Vignola B&B 27020 Travacò Siccomario (PV) - via Dossi Vignola - Cascina Vignola, 1 tel. +39 0382.556201/330.387875 info@bedandbreakfastpavialavignola.it	6,0 km
Casa di Mimi B&B 27100 Pavia - via Madonnina, 51- tel. +39 0382.580250- franci.free@hotmail.it	6,2 km
The alle cinque B&B 27100 Pavia -Ca della Terra, 55 - tel. +39 0382.579341/339.4162976 belacarena@gmail.com - http://www.theallecinqe.it	6,6 km
Le Betulle B&B 27012 Certosa di Pavia (PV) - fraz. Samperone, 93 - tel. +39 0382.924038/347.8745512 info@lebetullebb.it - http://www.lebetullebb.it	8,5 km
Il Glicine B&B 27012 Certosa di Pavia (PV) - via Pavia, 13 Bis - tel. +39 0382.933693 info@ilglicinebb.com	8,5 km
Il Pettiroso B&B 27012 Certosa di Pavia (PV) - corso Partigiani, 32 - tel. +39 338.4375598 ebondesan@yahoo.it - http://www.ilpettiroso.tk	8,5 km

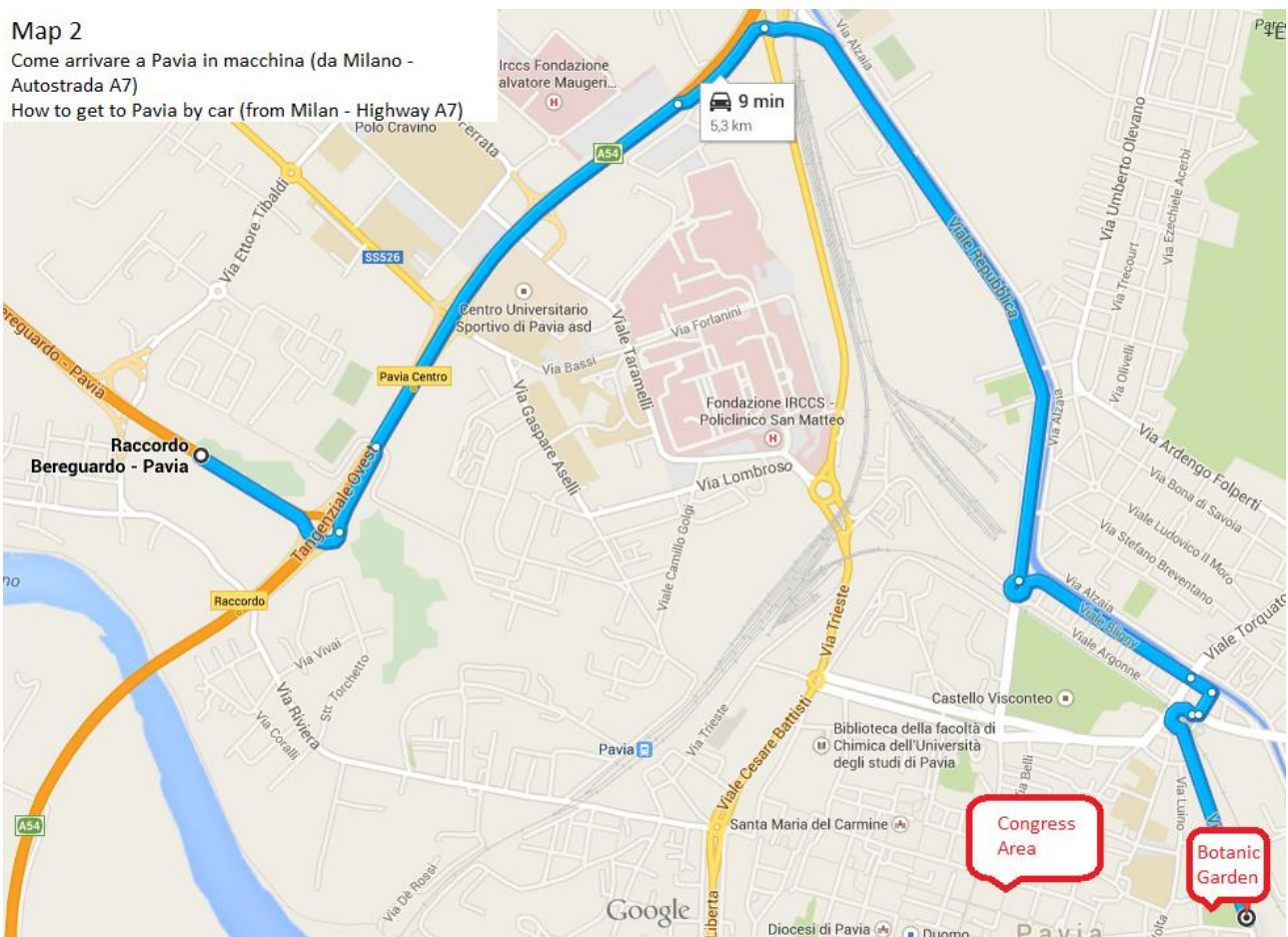
Map 1

Come arrivare alle sedi del Congresso dalla stazione
How to get to Congress sites from station railway



Map 2

Come arrivare a Pavia in macchina (da Milano -
Autostrada A7)
How to get to Pavia by car (from Milan - Highway A7)



INSTRUCTIONS FOR ABSTRACT SUBMISSION

The abstract format can be viewed and the abstract submitted on-line at <http://www.societabotanicaitaliana/congresso> only after registration but before **May 31, 2015**.

If you submit an abstract for a poster presentation, the Scientific Committee of the Congress may ask you to convert it into an oral communication.

The first author must be registered and cannot present more than one poster (as first author).

ABSTRACT

Abstract length (including figures) is limited to a single A4 sheet (extra pages will be discarded).

Leave margins of 2 cm on all four sides.

All text must be in Times New Roman (font 11), with single spacing between lines.

Do not leave spaces between paragraphs, except between the title and the name/address, between the name/address and the text, and between the text and the list of references.

The title (all capital letters) must be preceded by an identification number selected according to the keywords listed below.

Author names should be written in small caps, font 11, and the address in font 10.

References should be cited in the text with a number and listed at the end of the abstract.

POSTERS

Posters should have a maximum size of 100 cm height x 70 cm width.

Contact person for the abstracts is the Secretariat of the SBI (tel. +39 055 2757379 - sbi@unifi.it).

Authors are requested to complete and submit the release note, via email, to allow disclosure of the material.

The sample file of the abstract and that of the release note can be downloaded from the SBI website in the pages dedicated to the Congress.

KEYWORDS (call for abstracts)

1. **Ecosystems services in agricultural landscapes:
the role of plants and fungi**
 - 1.1 Greening
 - 1.2 European Common Agricultural Policy (CAP)
 - 1.3 Multifunctionality
 - 1.4 Green economy
 - 1.5 CO₂ absorption
 - 1.6 Pollination
 - 1.7 Erosion control
 - 1.8 Bioremediation
 - 1.9 Cultural rural landscape
 - 1.11 Green infrastructures
2. **Plants adaptation and mitigation in the face of
climate change**
 - 2.1 Resilience
 - 2.2 Resistance
 - 2.3 Phenology
 - 2.4 Reproduction
 - 2.5 Stress adaptation
 - 2.6 Translocation activities
 - 2.7 Assisted colonization
 - 2.8 Biology of invasion
 - 2.9 Protected natural areas management
3. **Agro-biodiversity and its conservation**
 - 3.1 CWR (Crop Wild Relatives)
 - 3.2 Landraces
 - 3.3 Sustainable crop management
 - 3.4 Wild plants for biomass production
 - 3.5 From crop to alien
 - 3.6 In/ex situ plant conservation and potential use
 - 3.7 Archeobotany
 - 3.8 Plant domestication
 - 3.9 Botanic Garden roles
4. **Plants and fungi for human well being**
 - 4.1 Food safety
 - 4.2 Food security
 - 4.3 Medicinal plants and fungi
 - 4.4 Functional food
 - 4.5 Local and traditional food and their properties
5. **Free theme**