

## ORGANIZING AND SCIENTIFIC COMMITTEE

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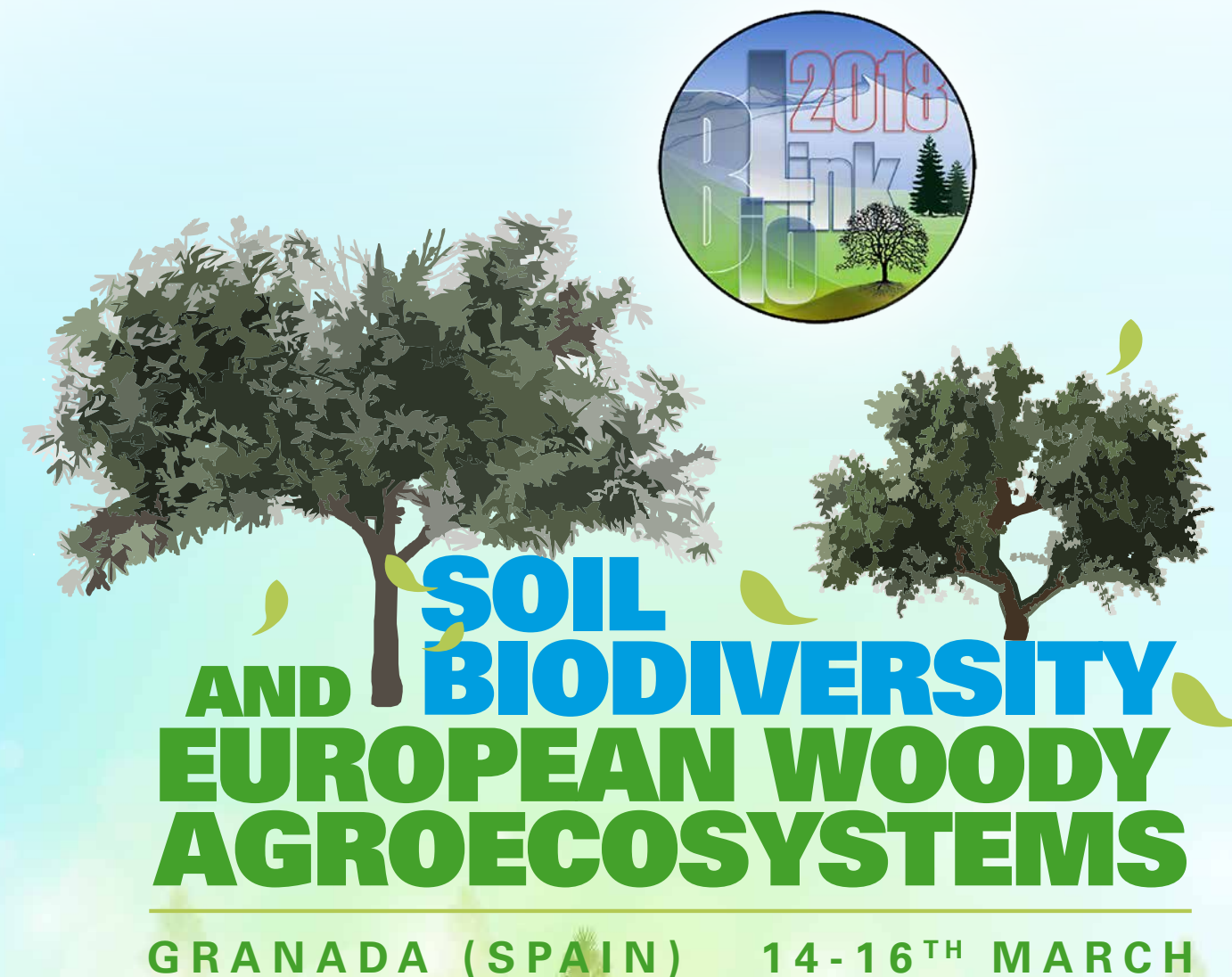


VIAJES *El Corte Inglés*  
CONGRESOS

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GRANADA (SPAIN) 14-16<sup>TH</sup> MARCH



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DAY 1. WEDNESDAY  
14.03.2018

08:00 - 09:00 Registration

09:00 - 09:30 Opening ceremony

09:30 - 11:00 Plenary session chaired by Martin Lukac

- 09:30 - 10:10
- Gabriele Berg, TU Graz, Austria (invited speake  
“Linking microbial belowground diversity and  
plant health”
- 10:10 - 10:30
- Mauro Lanfranchi, University of Cumbria,  
Ambleside, U.K.  
“The effects of forest management on the  
carbon quality of soil”
- 10:30 - 10:50
- Carmen Gómez-Lama Cabanás, IAS-CSIC,  
Córdoba, Spain  
“Indigenous olive rhizosphere Bacillales  
members as effective biocontrol agents against  
Verticillium dahliae”

11:00 - 11:30 Coffee-break

11:30 - 13:30 Plenary session chaired by Martin Lukac

- 11:30 - 12:00
- Aurelio Ciancio, CNR, Bari, Italy  
“Valorizing complexity of soil food webs  
and related microbiome-based services for  
sustainable crop production”
- 12:00 - 12:30
- Jorge Curiel, BC3-Basque Centre for Climate  
Change, Spain  
“Alterations of C allocation patterns associated  
with climate-change induced vegetation die-  
off: Effects over soil pools, soil biodiversity and  
functions, and controls of soil respiration”
- 12:30 - 12:50
- Rodica Pena, University of Goettingen, Germany  
“Temporal turnover of ectomycorrhizal fungal  
communities in response to new habitats  
created by tree harvesting”
- 12:50 - 13:10
- Douglas Godbold, Universität für Bodenkultur  
(BOKU), Vienna, Austria  
“Winter activity of ectomycorrhizas of Pinus  
sylvestris and Pinus sibirica in Mongolia”
- 13:10 - 13:30
- Carla Cruz-Paredes, University of Copenhagen,  
Denmark  
“Bacterial and fungal community responses  
over a steep wood-ash gradient in a spruce  
plantation”

13:30 - 15:30 Lunch

15:30 - 17:00 Plenary session chaired by Mark Bakker

- 15:30 - 16:00
- María Teresa Cervera, Centro de Investigación  
Forestal, INIA, Madrid, Spain  
“Dissection of Pinus pinaster response to water  
deficit: Integration of complementary strategies  
to improve drought response”
- 16:00 - 16:20
- Vicent de Leijster, Utrecht University, The  
Netherlands  
“The impact of soil and vegetation management  
on nutrient cycling and understory vegetation  
diversity in European almond orchards”
- 16:20 - 16:40
- María Eugenia Ramos-Font, EEZ - CSIC, Granada,  
Spain  
“Grazed fuelbreaks in Andalusia as a tool for  
wildfire prevention: a new name for an old  
practice”
- 16:40 - 17:00
- Luis Merino-Martín, Université de Montpellier,  
France  
“Soil microbial diversity in open and closed  
forest patches along a soil temperature gradient:  
the importance of root properties for bacterial  
community coalescence in the rhizosphere”

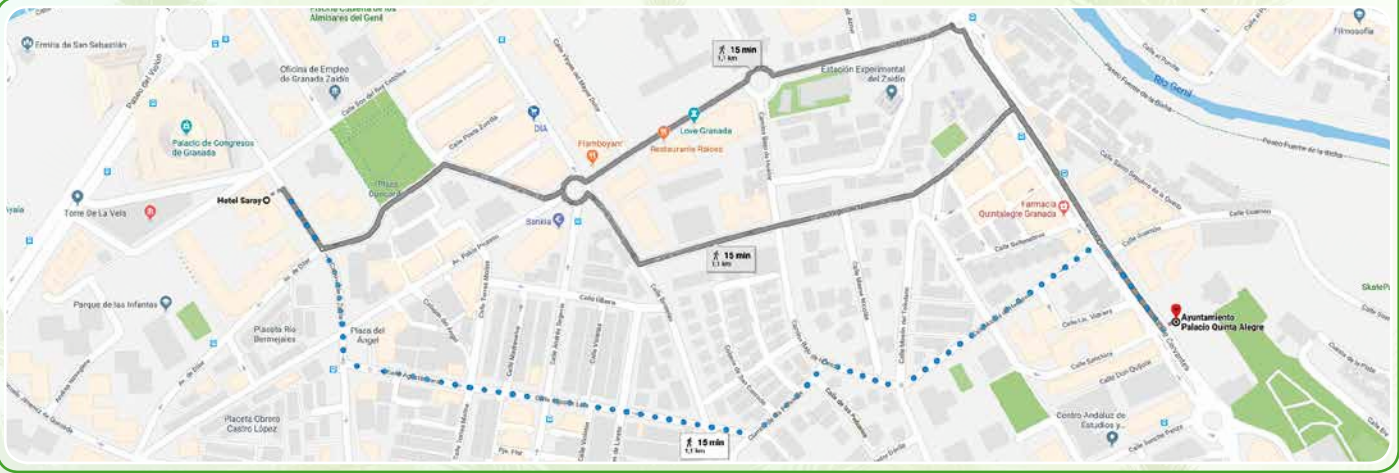
17:00 - 17:30 Coffee-break

17:30 - 19:00 Plenary session chaired by Katarzyna Hryniewicz

- 17:30 - 18:00
- László Kredics, University Szeged, Hungary  
“Devastating forest pathogens from the genus  
Armillaria: from genomics to biocontrol”
- 18:00 - 18:20
- Lur Moragues-Saitua, NEIKER-Tecnalia, Derio,  
Spain  
“Wood ash and biochar addition to forests do  
not shift soil microbial functional diversity in the  
short term”
- 18:20 - 18:40
- Diogo Neves Proença, University of Coimbra,  
Portugal  
“Link between genomic identification and  
biochemical characterization of novel  
siderophores produced by endophytic bacteria”
- 18:40 - 19:00
- Lars Vesterdal, University of Copenhagen,  
Denmark  
“Tree species effects on stocks and vertical  
distribution of soil carbon: Links to mycorrhizal  
association, microbial characteristics and soil  
fauna”

20:00 - 22:30 Welcome reception at Quinta Alegre Palace

How to arrive to Quinta Alegre



DAY 2. THURSDAY  
15.03.2018

09:00 - 11:00 Working groups meetings

11:00 - 11:30 Coffee-break

11:30 - 13:30 Plenary session chaired by Mari Moora

- 11:30 - 12:00
- Jaco Vangronsveld, Hasselt University, Belgium  
(invited speaker)  
“The impacts of soil contamination on tree  
rhizosphere bacterial communities in a forest on  
an old military site”
- 12:00 - 12:20
- Elena Vanguelova, Forest Research, Alice Holt  
Lodge, Surrey, UK  
“Links between soil biochemistry and  
biodiversity with Oak health status”
- 12:20 - 12:40
- Gaby Deckmyn, University of Antwerp, Belgium  
“KEYLINK: a new soil model including soil  
structure and soil fauna as key drivers”
- 12:40 - 13:00
- Omar Flores, MNCN-CSIC, Madrid, Spain  
“KEYLINK model: a short introduction to its use  
and usefulness”
- 13:00 - 13:30
- Rut Aspizua, Agencia de Medio Ambiente y  
Agua, Granada, Spain  
“LIFE ADAPTAMED - Protection of key  
ecosystem services by adaptive management  
of Climate Change endangered Mediterranean  
socioecosystems”

13:30 - 15:30 Lunch

15:30 - 17:20 Plenary session chaired by Elena Vanguelova

- 15:30 - 16:00
- Johannes Rousk, Lund University, Sweden  
“Adapted temperature relationships of microbial  
communities in warming soils enhance carbon-  
use efficiencies”
- 16:00 - 16:20
- Antonio J. Fernández-González, EEZ-CSIC,  
Granada, Spain  
“Linking belowground bacterial communities to  
healthy olive trees”
- 16:20 - 16:40
- Alessandra Lagomarsino, CREA, Firenze, Italy  
“Microbial communities and activities of forest  
floor fractions in degraded pine forests after  
thinning treatments”
- 16:40 - 17:00
- Maria K. Sakka, University of Thessaly, Greece  
“Quantifying the power of awareness of  
belowground biota: perceptions differ among  
European countries”
- 17:00 - 17:20
- Daniel García-Angulo, MNCN-CSIC, Madrid,  
Spain  
“Drought-induced dieback altered soil  
biogeochemical cycles and soil microbial  
functioning along Quercus ilex historical land  
use and climatic gradient”

17:20 - 19:30 Coffee-break and Posters session

17:30 - 19:00 Parallel workshop on KEYLINK chaired by Gaby Deckmyn

the attendees need to install phyton-xy,  
<https://python-xy.github.io>

20:00 Bus to Conference dinner at La Chumbera

23:00 Return to the Hotel by bus

DAY 3. FRIDAY  
16.03.2018

09:30 - 11:30 Plenary session chaired by Annamaria Bevivino

- 09:30 - 09:50
- Frank Ashwood, Forest Research, Alice Holt  
Lodge, Surrey, UK  
“Developing a systematic protocol for deadwood  
earthworm surveys: a trial using an unmanaged  
oak woodland chronosequence”
- 09:50 - 10:10
- Masudur Rahman, University of Liège, Belgium  
“Effect of drought legacy and tree species  
admiring on bacterial growth and soil respiration  
upon drying-rewetting in a young tree  
plantation”
- 10:10 - 10:30
- Laura M. Suz, Royal Botanic Gardens, Kew, UK  
“Plant-fungal interactions in Alpine ecosystems”
- 10:30 - 10:50
- Taina Pennanen, LUKE, Helsinki, Finland  
“Ectomycorrhizal fungi increase the vitality of  
Norway spruce seedlings under the pressure of  
Heterobasidion root rot in vitro but may increase  
susceptibility to foliar necrotrophs”
- 10:50 - 11:10
- Jelena Lazarević, University of Montenegro,  
Podgorica, Montenegro  
“Fungal biodiversity associated with fire-  
disturbed Pinus heldreichii forest soils in  
Montenegro”
- 11:10 - 11:30
- Rasmus Kjøller, University of Copenhagen,  
Denmark  
“Wood ash in forestry and effects on ECM fungal  
activity and community structure”

11:30 - 12:00 Coffee-break

12:00 - 13:30 MC meeting and closing section chair by Martin Lukac

12:00 - 13:00 Final BioLink MC meeting

13:00 - 13:30 Closing session by Martin Lukac

13:30 - 15:30 Lunch and departure

SCIENTIFIC  
PROGRAM

