

ORGANIZING AND SCIENTIFIC COMMITTEE

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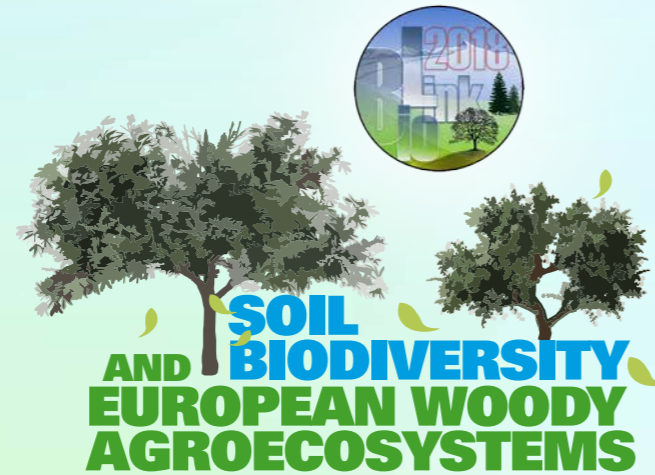


AYUNTAMIENTO DE GRANADA

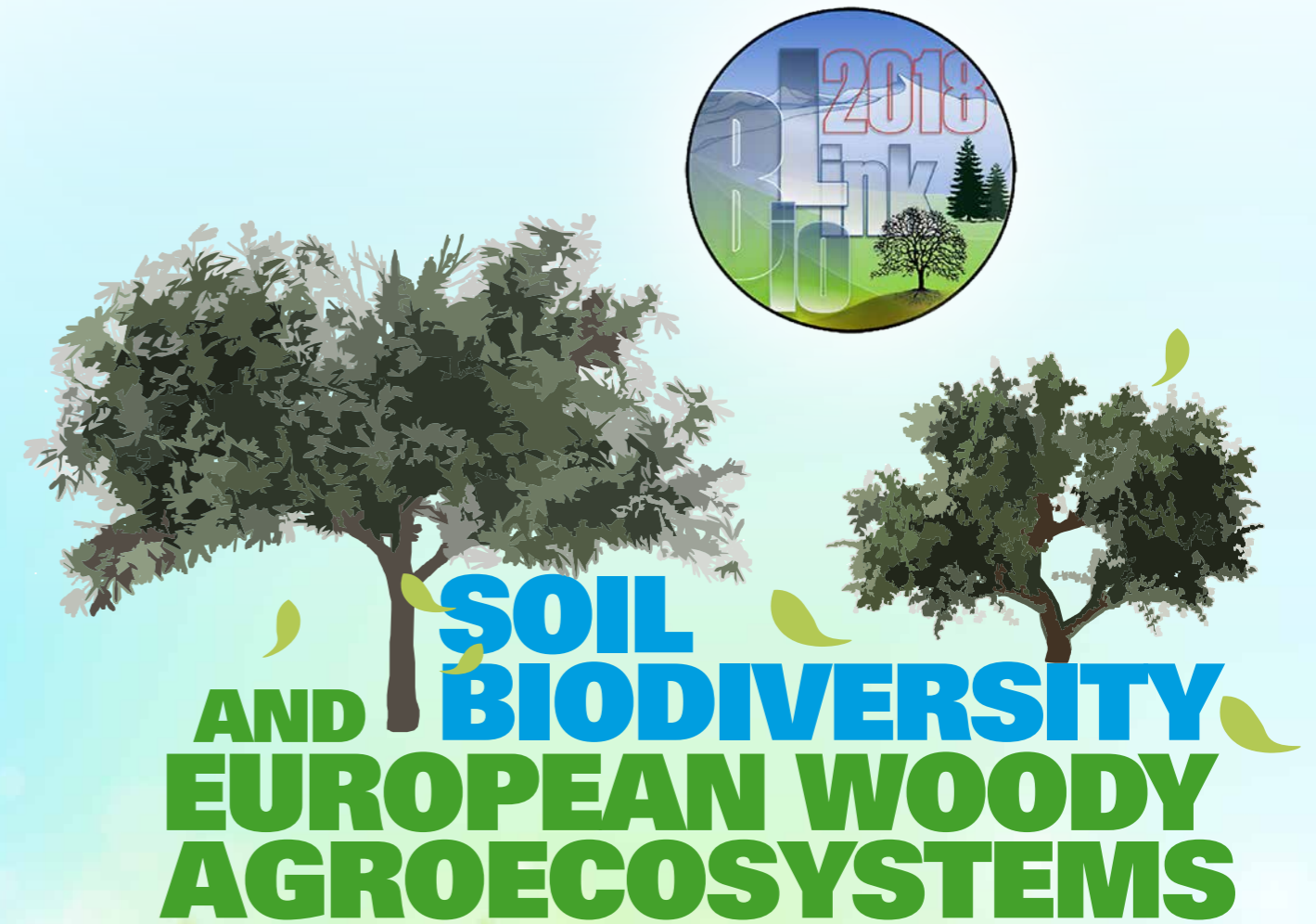


VIAJES *El Corte Inglés*
CONGRESOS

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GRANADA (SPAIN) 14-16TH 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 speaker)
"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"

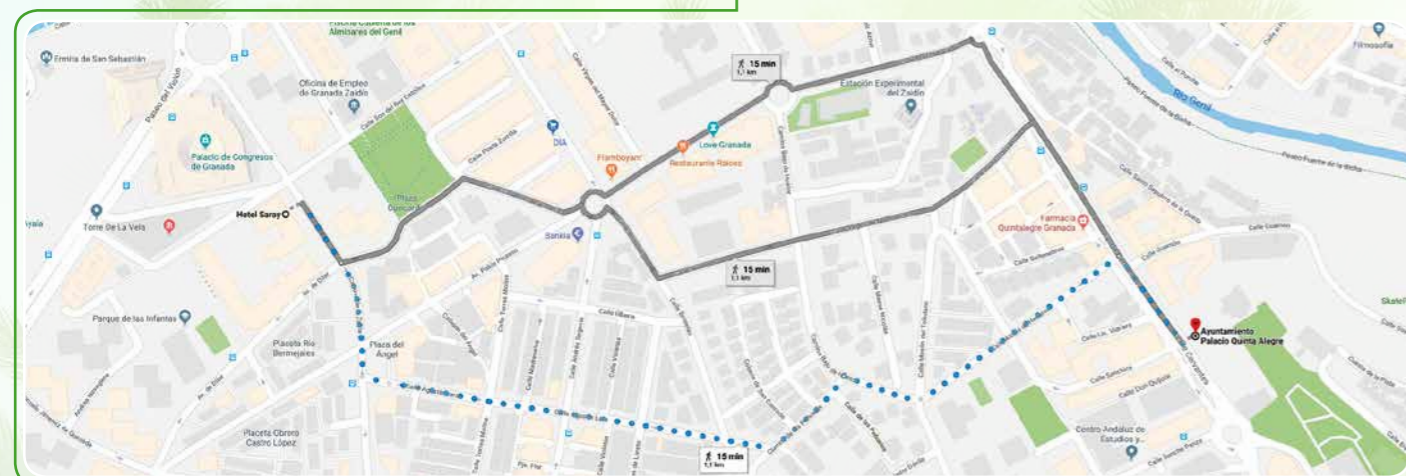
17:00 - 17:30 Coffee-break

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 admixing 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 Kjølter, 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



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