



# XV Young Researchers Meeting on Conservation and Sustainable Use of Forest Systems

Palencia, 24-25 June 2021

## PROGRAMME

THURSDAY 24th JUNE

9:00-9:30 **Registration**

9:30-11:00 **Welcome and Sesión I:**

**Chairpersons:**

José Porto and Sara Uzquiano

**Speakers:**

○ **Cristina Zamora Ballesteros:** *New insights into the pathogenesis of *Fosarium circinatum* through transcriptomics technologies*

○ **Šimon Hrbek:** *Internations Forestry Students Association: space for your forestry realization and networking*

○ **David Fernando Pérez Abadía:** *Variation in infiltration on the slopes of the Páramo de Palencia - Spain*

○ **Peter Agbor Ako:** *Reconciling livelihoods enhancement protection. The case of Tali1 community, southwest region of*

○ **Mustafa Sert:** *Evaluating productivity of mobile winch system used in logging operation on gentle ground slope*

○ **Alex Onatunji:** *Choice of forestry programme by undergraduate students and willingness to pursue further studies in selected universities in Nigeria*

11:00-11:30 Coffee break

11:30-12:00 **Opening Session**

○ Oscar Martínez, Research Vice Chancellor

○ Paloma de Castro, Internationalization Vice Chancellor

○ Amalia Rodríguez, Vice Chancellor Campus Palencia

○ Belén Turrión, luFor Director

12:00 -13:00 **Opening conference**

**Chairperson:**

Felipe Bravo Oviedo

**Speakers:**

○ **Nerea Luis Minguenza & Cristina Palomo Garo,** *Singular: Automation of forest classification tasks: an artificial intelligence approach*

13:00-14:00 **Sesión II**

**Chairpersons:**

Carolina de Castro and Cristina Zamora

**Speakers:**

○ **Marina Getino:** *Soil carbon accumulation under mixed pine-beech forests*

○ **Eduardo Batista:** *What do we know about Botryosphaeriaceae? An overview of worldwide current dataset*

○ **Huma Amin:** *Mycroviruses: potential biocontrol agent for forest disease management*

○ **Tamara Sánchez Gómez:** *Antagonist effect of nematophagous fungi against pine wood nematode (*Bursaphelenchus xylophilus*)*

○ **Esko Merontauusta:** *Review of the evolution on forest cover, green spaces and their continuity in Helsinki, Finland*

14:00-15:30 **Lunch & Group Photo**

### 15:30-16:30 Session III

#### Chairpersons:

Laura Martín and Marina Getino

#### Speakers:

- **Xabier Amilibia Ochoa:** *Marteloscope installation in mixed species forest for basic data collection*
  - **Elena Muñoz Cerro:** *Effect of native shrubs and grazing on soil properties of reclaimed open-cast coal mines*
  - **Eric Cudjoe:** *Differences in biomass models between monospecific and mixed species forests*
  - **Leandro Macedo Godoy:** *Estimates of biomass production potential for Pinheiro bravo in northeast portuguese*
  - **Matthieu Desselas:** *Zebro Valley restoration*
- ASSESSING SUSTAINABILITY OF INVASIVE SPECIES CONTROL METHODS**

16:30-17:00 Coffee break

### 17:00-18:00 Session IV

#### Chairpersons:

Xabier Amilibia and Elena Muñoz

#### Speakers:

- **YunFan Qian:** *Applying satellite technology to forest fire management*
- **Ali Askarieh:** *Intra-annual radial growth variation in Mediterranean mixed pine forests*
- **Michele Petrillo:** *dendrochronology of the Azorean juniper, *Juniperus brevifolia* (SEUB.) Antoine*
- **Tatek Dejene:** *Survey of macrofungal diversity and analysis of edaphic factors influencing the fungal community of church forests in dry Afromontane areas of northern Ethiopia*
- **Sergio Díez Hermano:** *Machine learning presentation of loss of eye regularity in a drosophila neurodegenerative model*

### 18:10-19:30 Session V

#### Chairpersons:

YunFan Qian and Pilar Valbuena

#### Speakers:

- **Aitor Vázquez Veloso:** *Evaluation and validation of forest growth models iberopt and iberops*
- **Jonatan Niño Sánchez:** *Spray-induced gene silencing (SIGS) provides RNA interference effect against fungal infection on plant material*
- **Irene Bocos Asenjo:** *Seeking alternatives to forest disease management: RNA interference gene silencing*
- **Juliette D'Amelio:** *Impacts and Drivers of Signal Crayfish (*Pacifistacus leniusculus*) populations in UK river systems*
- **Eduardo Velazquez:** *Limited effect of forest expansion in abandoned agricultural lands to offset regional C emissions under Mediterranean-continental climate*
- **Ignacio Sanz Benito:** *Impact of silviculture practices in belowground fungal communities associated to Mediterranean *Quercus pyrenaica* Willd. forests in NW Spain*

### 19:30-20:30 Wine tasting by Oenology students

21:00 Community dinner

## FRIDAY 25th JUNE

### 9:30-11:00 Session VI

#### Chairpersons:

Aitor Vázquez and Irene Bocos

#### Speakers:

- **Andrés Armijos Montaña:** *Wood anatomical evaluation of tree species from southern Ecuador, upcoming challenges and applications*

- **Gianluca Segalina:** *Bark thickness, stem straightness and life-history strategies in *Pinus pinaster*: is there any trade-off between them?*
- **Emanda Kore:** *Diversity and production of macrofungi associated with *Pinus radiata* (DON) plantations in Menagesha Suba state forest, central Ethiopia*
- **Angelo Di Perna:** *Land cover changes: an analysis for the case of Almaty, Kazakhstan*
- **Sezin Kete:** *Amenajman*
- **Daphne López Marcos:** *Soil niche complementarity as a responsible of small scale over-yielding in mixed pine forests*
- **Alvaro Benito:** *Life mycorestore: use of natural myco-control products and native fungal species for reduced pest/pathogen presence in forests*

11:00-11:30 Coffee break

### 11:30-13:00 Session VII

#### Chairpersons:

Andrés Armijos and Gianluca Segalina

#### Speakers:

- **José Carlos Porto Rodriguez:** *Vegetation map of the province of Pontevedra 2019 using Sentinel-2 imagery*
- **Sara Uzquiano Pérez:** *Understanding crown morphology in mixed pine and oak stands*
- **Frederico Simões:** *Assessing the impacts caused by drought in a eucalyptus plantation in Mato Grosso - Brazil..*
- **Bojan Mihajlovski:** *Use of modern geomatic techniques for creating and updating a green cadastre of urban trees and shrubs: a case study of Kumanovo city river bank*
- **Ana Martínez:** *Increment diameter data analysis as time series classification*

### 13:00-13:30: Closing session

- Carmen Camarero, Director EsDUVa
- Joaquín Navarro, Director ETSIIAA
- Belén Turrión, Director IuFOR
- Elena Hidalgo, Organization Committee

14:00 Lunch