### Program

#### AGROPINE 2016

**Wednesday, 18th May 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00</td>
<td>REGISTRATION</td>
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<tr>
<td>09:45</td>
<td>OPENING SESSION</td>
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<tr>
<td>10:15</td>
<td>The FAO-CIHEAM Interregional Cooperative Research Network on Nuts</td>
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<tr>
<td>10:30</td>
<td><strong>Session 1. MANAGEMENT OF STONE PINE FOR CONE PRODUCTION IN AGROFORESTRY</strong></td>
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<td>10:45</td>
<td>Keynote Speaker: <em>Margarida Tomé</em>, ISA (Portugal)</td>
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<td>11:00</td>
<td>COFFEE BREAK</td>
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<td>11:30</td>
<td>Spatial and Temporal Changes in the Pine Nut Forest of Turkey: A Case Study in Ayvalik Forest Planning Unit</td>
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<td>11:45</td>
<td>Effect of fertilization on the mineral composition of pine stone needle</td>
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<td>12:00</td>
<td>The needles as drivers of tree productivity: relationship with growth, vitality and cone production in <em>Pinus pinea</em></td>
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<td>The needles as drivers of tree productivity: relationship with growth, vitality and cone production in <em>Pinus pinea</em></td>
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<td>12:15</td>
<td>Determination of effect of fertilizing on cone yield rate of stone pine (<em>Pinus pinea</em> L.) in Kozak province/Turkey</td>
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<td>12:30</td>
<td>Trials on <em>Pinus pinea</em> and <em>Pinus halepensis</em> rootstocks from Tunisia and Spain</td>
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<tr>
<td>12:45</td>
<td>DISCUSSION</td>
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<td>13:00</td>
<td>LUNCH</td>
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<td>14:30</td>
<td><strong>Session 2. GROWTH AND YIELD MODELLING</strong></td>
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<td>14:30</td>
<td>Keynote Speaker: <em>Rafael Calama</em>, INIA (Spain)</td>
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<td>15:00</td>
<td>Development of a spatial tree growth model for stone pine – PINEAFITS</td>
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<td>15:15</td>
<td>Tree growth and gas exchange of stone pine (<em>Pinus pinea</em>) in northeastern Tunisia</td>
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**AGROPINE 2016**
2nd International Meeting on Mediterranean Stone Pine for Agroforestry
Secretariat | UNAC | Rua Mestre Lima de Freitas n.º 1, 1549-012 Lisbon, Portugal | Tel: (+ 351) 217 100 014
http://agropine2016.iniav.pt
15:30 Stone pine responses to the combined effects of drought stress and warming  
*R. Lobo-do-Vale*, ISA (Portugal)

15:45 Does management improve the photosynthetic capacity of stone pine (*Pinus pinea* L.) in northwest Tunisia?  
*T. Rzigui*, Silvopastoral Institute /INRGREF (Tunisia)

16:00 Evaluation of interannual growth prediction in *Pinus pinea* stands from multi-temporal UAV imagery datasets  
*J. Guerra Hernández*, ISA (Portugal)

16:15 DISCUSSION

16:30 COFFEE BREAK

17:00 POSTER SESSION

Thursday, 19th May 2016

**Session 3. GENETIC IMPROVEMENT, SELECTION AND BREEDING OF STONE PINE**

Keynote Speaker:  
*B. Fady*, INRA (France)

10:00 Reproductive phenology of *Pinus pinea*  
*T. Valdiviesso*, INIAV (Portugal)

10:15 Establishment of clonal stone pine orchards as nut crop  
*S. Mutke*, INA (Spain)

10:30 *Pinus pinea* clonal orchards: contributions for genetic improvement  
*C. Silva*, AFPC (Portugal)

10:45 COFFEE BREAK

11:15 Variability of kernel yield in Portuguese *Pinus pinea* L. stands from Provenance Region V  
*I. Carrasquinho*, INIAV (Portugal)

11:30 DISCUSSION

11:50 **Session 4. BIOTIC RISKS AND THEIR IMPACT ON STONE PINE PRODUCTS**

Keynote Speaker:  
*Edmundo Sousa*, INIAV (Portugal)

12:20 Distribution of *Leptoglossus occidentalis* Heidemann (1910) in Turkey and its impact on stone pine forests  
*S. Parlak*, Bursa TU (Turkey)

12:35 Genetic structure and invasion pathways of the Western Conifer Seed Bug, *Leptoglossus occidentalis*, in the Iberian Peninsula  
*A. Farinha*, ISA (Portugal)

12:50 Pine nut damage on immature cones of *Pinus pinea* L: evidences for *Leptoglossus* causality  
*R. Calama*, INIA (Spain)
13:10  LUNCH

14:30  Seasonal damage on stone pine cones and seeds caused by feeding of *Leptoglossus occidentalis* (Hemiptera: Coreidae)

*J. Pajares, U. Valladolid (Spain)*

14:45  Does forest management have an effect on cone pest damage?

*P. Naves, INIAV (Portugal)*

15:00  DISCUSSION

15:20  Session 5. PINE NUT INDUSTRY AND MARKETS

Keynote Speaker:  *Pedro Amorim*, PineFlavour, Lda, Portugal

15:50  Local population's role in the collection and processing of stone cones in Rimel Forest (Bizerte, Tunisia)

*S. Sebei, INRGREF (Tunisia)*

16:05  Value chain of stone pine forests in Lebanon: insights on good management practices

*E. Sattout, U. Balamand (Lebanon)*

16:20  State of stone pine (*Pinus pinea*) forests in Turkey and their economic importance for rural development

*D. Mumcu Küçüker*, Karadeniz T.U. (Turkey)

16:35  COFFEE BREAK

17:05  Stone pine in Portugal: main policies and recent developments

*C. Ferreira, ICNF (Portugal)*

17:20  DISCUSSION

17:40  Stone pine subnetwork follow-up

18:10  CLOSING SESSION

**Friday, 20th May 2016**

08:30  Field Trip: Alcácer do Sal, Alentejo

*Departure from Praia Mar Hotel*

13:00  LUNCH

14:30  Field Trip: Alcácer do Sal, Alentejo (cont.)

16:00  Return to Lisbon

17:30  Arrival to Lisbon Aeroport

18:15  Arrival to Praia Mar Hotel