

# International Summer School

## Dendroecology, Quantitative Wood Anatomy and Stable Isotopes: from xylogenesis to tree rings



25-29 September 2017

Dept. Agriculture, University of Naples Federico II  
Portici, Naples (Italy)

Dept. DISTABIF, University of Campania (SUN)  
Caserta (Italy)

### Content

The Summer School will provide basic and innovative knowledge on different aspects of wood formation: from xylogenesis to quantitative wood anatomy, from tree-ring stable isotopes to data interpretation.

The course will include field-work training and hands-on laboratory sessions. Students will be involved in all aspects of tree-ring research: from sample preparation to data analysis and interpretation.

### Main Topics

- i) Dendrochronology, tree-ring width measurements with LINTAB system, TSAP software analyses and tree-ring chronology analyses.
- ii) Quantitative wood anatomy, xylogenesis analyses and quantification of functional wood traits.
- iii) Stable isotopes (C & O): procedure of sample preparation and eco-physiological interpretation.
- iv) Data analysis (using basic tree-ring softwares).

### Instructors and Lecturers

Giovanna Battipaglia	(University of Campania L. Vanvitelli -I)
Jesus Julius Camarero	(Istituto Pirenaico de Ecologia, IPE-CSIC -E)
Marco Carrer	(University of Padova -I)
Paolo Cherubini	(Swiss Federal Research Institute WSL -CH)
Veronica De Micco	(University of Naples Federico II -I)
Cyrille Rathgeber	(INRA, Nancy-Lorraine -F)
Jordi Voltas	(University of Lleida -E)

### Registration and Payment

Deadline for Registration (max 25 participants):	31 May 2017
Acceptance of Registration:	15 June 2017
Deadline for Payment:	15 July 2017

To register, send an e-mail to: [giovanna.battipaglia@unicampania.it](mailto:giovanna.battipaglia@unicampania.it), [demicco@unina.it](mailto:demicco@unina.it)

### Fees

Tuition for the 5-day course is 350 euro (including coffee breaks and lunches) to be paid by each participant on being informed of their acceptance.

With an additional fee of 100 euro, participants can benefit from accommodation in two-beds room, morning breakfast and lunch, during the whole course period (check-in Monday 25 September 2017, check-out Friday 25 September 2017). A few single-bed rooms are also available: they will be assigned according to the first arrived first served rule.



### Organizing Committee

Giovanna Battipaglia  
Marco Carrer  
Veronica De Micco