Curriculum vitae Ignazia Cuccui

Degree in Forestry Sciences at Florence University Faculty of Agronomy

1999-2000 -	Scholar ship at CNR ex Institute of Wood Technology. San Michele all'Adige (TN)
2002-2007 -	Research grants at CNR IVALSA Trees and Timber Institute. San Michele all'Adige (TN)
Since January 2008 -	Researcher (temporary position) at CNR IVALSA Trees and Timber Institute. San Michele all'Adige (TN)

Field of activity of Ignazia Cuccui includes different aspects of characterization of wood with special focus on the evaluation of long-term performance and (aesthetic) durability of wood surface (wood weathering). In the period 2008-2014 the activity has been performed at the Laboratory of Wood Quality and non-Destructive Testing, in the framework of research project relating to sustainable buildings, SOFIE "Progetto Sistema costruttivo Fiemme (founded by Provincia Autonoma di Trento).
Since the last 5 years, in collaboration with the LABESS unit (Laboratory of Wood Drying) she has worked in the field of thermal modification of wood within several projects founded by private and public organizations. Her research is mainly oriented to evaluate the influence of process parameter on physical properties of different wood species.
At the present she is involved in the EU project TV4NEWOOD Thermovacuum: New process for new generation of thermally modified wood (Call ECOINNOVATION 2012). In 2014 she has been selected for a doctoral school in XXIX at Torino University which she is currently attending.
She is author or co-author of about 40 contributes in journals, conference proceedings and technical reports.

ISI Publications (since 2012)

Luigi Todaro, Angelo Rita, Nicola Moretti, Ignazia Cuccui and Achille Pellerano (2015)
Assessment of Thermo-treated bonded wood performance: comparisons among Norway spruce, Common ash, and Turkey oak. *BioResources.* 10(1), 772-781

Jong Sik Kim, Jie Gao, Nasko Terziev, Ignazia Cuccui, Geoffrey Daniel (2014)
Chemical and ultrastructural changes of ash wood thermally modified using the thermo-vacuum process I. Histo/cytochemical studies on changes in the structure and lignin chemistry
Holzforschung DOI 10.1515hf-2014-0148

Ottaviano Allegretti, Ignazia Cuccui, Davide Paradiso
Termovuoto Un processo innovativo per la modificazione termica del legno
Sherwood 201 marzo 2014 13-16.

Ferrari, S., Allegretti, O., Cuccui, I., Moretti, N., Marra, M., and Todaro, L. (2013).
A revaluation of Turkey oak wood (*Quercus cerri*s L.) through combined steaming and thermo-vacuum treatments. *BioResources.* 8(4), 5051-5066.

Ferrari S., Cuccui I., and Allegretti O. (2013)
Thermo-vacuum modification of some European softwood and hardwood species treated at different conditions. BioResources 8(1), 1100-1109.

O.Allegretti, M. Brunetti, I. Cuccui,S. Ferrari, M. Nocetti, and N. Terziev. 2012
"Thermo-Vacuum modification of spruce *(Picea abies Karst.)* and fir *(Abies alba Mill.)* wood"
BioResources 7(3), 3656-3669