

## Curriculum Vitae de Luca Uzielli, selon modèle

### Etat civil

- UZIELLI Luca
- Né en 1943

### Situation à l'Académie

- Elu Membre associé en 2015
- Section Forêt et filière bois
- Groupe de travail
- Fonction exercée

### Rubriques à renseigner

#### Titre ou Situations actuels

- Ancien Professeur de Technologie du bois, Université de Florence, Italie
- Professeur Emérite de l'Université de Florence (transmis pour approbation du Ministre de l'Université)

#### Coordonnées professionnelles

- c/o Dipartimento GESAAF, 13 Via San Bonaventura, 50145 Firenze, Italia
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- Adresse e.mel professionnelle [luca.uzielli@unifi.it](mailto:luca.uzielli@unifi.it)

#### Formations

- Diplôme maturité « classique » (Florence, 1961)
- Ingénieur Mécanique (« Laurea » Université de Bologna 1971)

#### Carrières (principaux postes occupés)

- Chercheur et Assistant Professeur à l'Université de Florence (1973-1983)
- Professeur Associé à l'Université de Florence (1983-1986)
- Professeur "Straordinario" à l'Université de Turin (1986-1989)
- Professeur "Ordinario" de Technologie du bois à l'Université de Florence (1989-2014)

#### Domaines d'expertise (6 au maximum)

- Technologie du bois en général
- Mise en valeur d'essences bois du pays pour industrie, artisanat, construction, classement du bois en structure
- Normalisation nationale et européenne dans le secteur bois
- Diagnostique et conservation des objets en bois du Patrimoine

#### Mots clé

Bois – Essais sur bois – Classement bois – Normalisation – Conservation du Patrimoine – Panneaux peints – Diagnostique – Restauration

#### Distinctions et prix éventuels

- Docteur *Honoris Causa* de l'Université Agricole de Tirane (UBT), Albanie (2006)

- Professeur Emérite de l'Université de Florence (Approuvé en Juillet 2015 par le Sénat Académique pour la nomination en tant que Professeur émérite, nomination qui doit être déclarée par le Ministre de l'Université et de la Recherche scientifique)

### Fonctions actuelles où récentes

- Ancien Professeur de Technologie du bois à l'Université de Florence (jusqu'à 2014)
- Professeur « à contrat » de Technologie du bois appliquée au patrimoine, à l'Université de Florence (2015-2016)

### Activités académiques ou professionnelles

- pendant le 43 ans de service à l'université, plusieurs activités didactiques ; gestion de projets de recherche aux niveaux locaux, régionaux, nationaux, européens ; participation à comités scientifiques, d'évaluation d'institutions ; directeur de thèses de plusieurs niveaux, aussi en cotutelle ; participation aux travaux de normalisation ; missions scientifiques à l'étranger ...
- Membre d'Académies scientifiques : Accademia Italiana di Scienze Forestali, Accademia dei Georgofili, IAWS (International Academy of Wood Science), ICOMOS International Wood Committee.
- Président de l'Action COST IE0601 « La Science du Bois pour la conservation du Patrimoine ». (2007-2011)
- Depuis 2004 fait partie d'un Groupe de travail qui mène recherches et monitoring du Panneau peint « La Joconde » de Leonardo da Vinci, au Musée du Louvre.

### Publications, rapports ou Articles (10 maximum)

- UZIELLI L., 1998 - *Historical Overview of Panel-Making Techniques in Central Italy* - In: Proceedings of the 1995 Symposium on "The structural conservation of panel paintings", K. Dardes and A. Rothe Editors, The Getty Conservation Institute, Los Angeles, 110-135
- UZIELLI L., 1999 - *Metodi di prova e classificazione dei legnami strutturali* - Capitolo 4 della quinta edizione del testo di G. Giordano "La moderna tecnica delle costruzioni in Legno", Hoepli, Milano, pagg. 559-716 e 787-804 (ISBN 88-203-2549-7)
- UZIELLI L., DIONISI VICI P., GRIL J., 2006 – *Caractérisation physico-mécanique du support*. In : Jean-Pierre Mohen, Michel Menu, Bruno Mottin (Coord.) "Au cœur de la Joconde", Gallimard – Musée du Louvre, Paris, 52-55 (ISBN 2-35031-066-3 / 2-07-011833-9).
- UZIELLI L., FIORAVANTI M., 2006 – *Physical and mechanical behavior of wood used for panel paintings* - In: M. Ciatti, C. Castelli and A. Santacesaria (Editors) "Panel painting – Technique and Conservation of Wood Supports" (Revised edition)- Edifir, 59:80 (ISBN 88-7970-263-7)
- UZIELLI L. (Coordinateur dell'opera) 2001-2004 – *Manuale del legno strutturale* (Vol. 1: BONAMINI G., NOFERI M., TOGNI M., UZIELLI L., 2001 – *Ispezione e diagnosi in opera*. (ISBN 88-87017-01-8) Vol. 2: CECCOTTI A. (Coord. del volume), 2003 – *Materiali, componenti e principi della progettazione*. (ISBN 88-87017-04-2) Vol. 3: CECCOTTI A. (Coord. del volume), 2003 – *Progettazione e dettagli delle strutture*. (ISBN 88-87017-05-0) Vol. 4: BONAMINI G. (Coord. del volume), 2004 – *Interventi sulle strutture*) (ISBN 88-87017-41-7) Mancosu ed., Roma.
- LUCA UZIELLI, ELISA CARDINALI, PAOLO DIONISI-VICI, MARCO FIORAVANTI, NICOLA SALVIOLI, 2010 - *Structure, mock-up model and environment-induced deformations of Italian laminated wood parade shields from the 16th century*. In: Joseph Gril (Editor) Wood Science for Conservation of Cultural Heritage, Braga 2008 :

Proceedings of the International Conference held by COST Action IE0601 (Braga - Portugal, 5-7 November 2008) – FUP, Firenze University Press, Firenze, 2010, pag. 242:248. ISBN 978-88-6453-157-1 (print) ISBN 978-88-6453-165-6 (online)

B.MARCON, P.MAZZANTI, L.UZIELLI, L.COCCHI, D.DUREISSEIX, J.GRIL (2012). *Mechanical study of a support system for cupping control of panel paintings combining crossbars and springs*. JOURNAL OF CULTURAL HERITAGE (ISSN:1296-2074), S109 - S117, Vol 13, Issue 3, Supplement;

L.UZIELLI, L.COCCHI, P.MAZZANTI, M.TOGNI, D.JULLIEN, P.DIONISI-VICI (2012). *The Deformometric Kit: A method and an apparatus for monitoring the deformation of wooden panels*. JOURNAL OF CULTURAL HERITAGE (ISSN:1296-2074), S94 - S101, Vol 13, Issue 3, Supplement;

GIACOMO GOLI, PAOLO DIONISI-VICI, LUCA UZIELLI (2014). *Locating Contact Areas and Estimating Contact Forces Between the "Mona Lisa" Wooden Panel and its Frame*. JOURNAL OF CULTURAL HERITAGE (ISSN:1296-2074), 391 - 402, 15;

LINDA COCCHI, BERTRAND MARCON, GIACOMO GOLI, PAOLA MAZZANTI, LUCA UZIELLI, CIRO CASTELLI, ANDREA SANTACESARIA (2016). *Verifying the operation of an elastic crossbar system applied to a panel painting: the Deposition from the Cross by an Anonymous artist from Abruzzo, XVI century*. Studies in Conservation (in print)

### Activités éditoriales

- A été et est encore évaluateur anonyme pour diverses revues scientifiques

### Short bio (anglais)

Luca UZIELLI was born in Florence (Italy) in 1943, and until 2014 was Full Professor of "Wood Technology" at Faculty of Agriculture and Forestry - University of Florence  
Graduated in 1961 from a "Classical" general High School in Florence, received a degree in Mechanical Engineering in 1971 from University of Bologna, and in 1971-72 served as drafted Lieutenant in Italian Army's Engineering Corps.

Developed his scientific and teaching activity mainly at University of Florence, and performed many study visits abroad, in Europe, USA, and other areas of the world. Has headed several national and international research projects, and organized several national and international congresses. Member of several Standardization Committees (UNI, CEN, ISO) in the Wood and Cultural Heritage sector.

Member in several scientific or professional Societies or Institutions, including: Accademia Italiana di Scienze forestali (Italian Academy of Forest Sciences); AIGR Associazione Italiana di Genio rurale (Italian Society of Agricultural Engineers); Accademia dei Georgofili; IAWS (International Academy of Wood Science); International Wood Committee of ICOMOS (International Council on Monuments and Sites)

Has been Chairman of COST Action IE0601 "Wood Science for Conservation of Cultural Heritage" (2007-2011).

Author or co-Author of over 150 publications, including technical and scientific papers and chapters in textbooks, covering mainly a) Properties, test methods, standardization, uses of wood species and wood products, including tropical woods and structural uses of timber, and b) Conservation of wooden objects and artworks belonging to Cultural Heritage (panel paintings, timber structures, wooden sculptures, etc.).

Has taught university courses concerning Wood Science and Technology from 1979 to 2015, and in PhD curricula as well.

In 1996-2007 was Chairman of University graduate course (3 years) in Wood Technology. Has been Director of over 120 Graduation final works, and of 12 PhD Theses (three of which in co-direction with foreign Colleagues). Since 1992, Partner or Coordinator of "Tempus" and other cooperation programs with Agricultural University of Tirana (Albania), from which he received in 2006 the title of "Doctor *Honoris Causa*".

Retired in 2014 due to age limits, is in the process of being awarded the title of Professor Emeritus. He is presently dealing mainly with Conservation of wooden Cultural Heritage (technological evaluation of panel paintings; relationships between environmental thermo-hygrometric parameters, their variations, distortion dynamics of panel paintings, consequent stresses, damage of paint layers, etc.) in cooperation with several outstanding Italian and foreign institutions in charge of restoration and conservation of artworks.