

Gianluca TONDI

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- **Master in Chemistry** Specialized in organic and industrial chemistry
- **PhD in Wood Science** Specialized in biopolymers.
- **Researcher** in the field of **wood chemistry**.
- **Full-professor habilitation** in science and technology of tree and forest systems.
07/B2

Position: Researcher (RTDb) at the University of Padua. LEAF department.

www.tesaf.unipd.it

- *Research projects (networking, establishing collaborations and proposals).*
- *Management and development of scientific projects with research institutes and industries.*
- *Preparation and evaluation of scientific communications: publications, presentations and poster.*
- *Supervisor for students: advisor for scientific tasks and support for reporting.*
- *Lecturer for Wood products technology*

Former experiences

2010 - 2019: Research and Lecturing. Preparation, management and reporting of project and development of new ideas. Supervisor for PhD, Master and Bachelor students. Chemistry courses for the students of the 1st and 2nd year of bachelor in wood technology at the Salzburg University of Applied Sciences. www.fh-salzburg.ac.at

2006-2009: *PhD in Wood and fibres science* at the ENSTIB (National school for the industrial technology applied to wood). Department of the University of Nancy 1 (France). www.enstib.uhp-nancy.fr

1998-2005: Master in Chemistry at the University of Florence. Specialization in organic and industrial chemistry. www.unifi.it

Awards

2015: Title of **Professor** of the Salzburg University of Applied Science.

2013: Best presenter. Young research Forum of the COST -Forest product. "Formaldehyde-free tannin foams" at Barcelona 03/2013. www.cost.eu/events/ftp8

CV - Gianluca Tondi

2012: Fraunhofer price. **German High Tech Champion** (GHTC) Award in "Green Buildings – Bâtiment Durable" at POLLUTEC 2012. Project "*Biofoams*"
Within the team of Prof. M.P. Laborie and Prof. A. Pizzi.

www.research-in-germany.de/ghtc

Communications

58 International publications on several peer-reviewed international scientific journals. www.tondig.com/literature

H Factor (Scholar google): 22

Citations: >1500

2 Industrial patents; 3 Book chapters. More than 30 Conferences and communication events as oral and poster presenter.

Scientific reviewer for more than 10 scientific journals. **Editorial board member of** Polymers, Journal of renewable materials.

External reviewer for 5 PhD thesis.

Skills

Management: Seeking and proposal preparation of projects, management of national and international scientific projects, development of international collaborations.

More than 10 projects with industrial, regional, national and international funding.

Lecturing and presentation skills, evaluation of scientific texts. Supervisor for PhD, bachelor and master students.

Technical: Production of composite materials, formulation and synthesis of resins (with natural-based material), design and synthesis of foams, furanic resins, wood impregnation techniques, wood preservation, valorization of industrial by-products and wood welding. Strong experience with the most common spectroscopies, particularly the vibrational ones.

Languages: Native Italian, English very good, French very good, Spanish very good, German good, Portuguese proficient.