



**PhD, assistant professor Marek Grześkiewicz**

### CONTACT

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### EDUCATION

| Occupational titles and science degrees  | Date (year)               | Institution   |
|--|---------------------------|---|
| <b>Master engineer</b> of mechanical wood technology                               | 1987                      | Faculty of Wood Technology<br>before<br>Warsaw Agricultural University - SGGW<br>now<br>Warsaw University of Life Sciences - SGGW   |
| <b>Doctor</b> of forest sciences in field of wood technology                       | 1999                      |   |
| Other education  | When                      | Institution   |
| After diploma study for teachers   | 1987-1988                 | Warsaw Agricultural University - SGGW   |
| Study/training, Tempus Programme   | 1993, 1995<br>(6+3months) | Faculty of Technology<br>Department of Timber and Construction<br>The Buckinghamshire College<br>A College of Brunel University, UK |
| Participant of TOP500 Innovators Programme<br>Science Management Commercialization | 2013<br>2 months          | Hass School of Business<br>University of California, Berkley, USA   |
| After diploma study<br>Commercialization of Technology Transfer                    | 2015                      | Warsaw School of Economics  |

### PROFESIONAL COMPETENCE – over 30 Years

| Position            | Date (year)              | Institution  |
|---------------------|--------------------------|--|
| Technologist        | 1987-1989                | Sub department Construction and Technology of Final<br>Wood Products<br>Department of Technology, Organisation and<br>Management in the Wood Industry<br>Faculty of Wood Technology<br>Warsaw University of Life Sciences - SGGW |
| Assistant           | 1990-1999                |  |
| Assistant professor | since 1999               |  |
| Assistant professor | since<br>October<br>2019 | Department of Technology and Entrepreneurship in the<br>Wood Industry<br>Institute of Wood Sciences and Furniture  |

Other selected professional activities:

- since 2002 member of Technical Committee for School Furniture, Research and Development Centre of Research and Didactic Equipment COBRABID Ltd.
- 2007 - 2009, Faculty coordinator for Erasmus Programme
- in years 2008-2012 - Head of sub department, Construction and Technology of Final Wood Products, Faculty of Wood Technology, Warsaw University of Life Sciences – SGGW

- coauthor of 5 patents
- from 2013 to 2015 broker of innovation

International experience

2007, organizing COST Action E 53 conference Quality Control for Wood and Wood Products in Warsaw

2008, 2010, Lectures (2x6 hours) in English in Erasmus, at Ecole Superieure Du Bois in Nantes, France. Testing mechanical properties of Polish sawn timber using different methods: GoldenEye, Timber Grader and 4-points destructive bending tests. Technology and construction of bentwood furniture. Wood modification.

Since 2010, MC member from Poland in COST action FP0904

Thermo-Hydro-Mechanical Wood Behavior and Processing

Since 2011, MC substitute in COST action FP1004

Enhance mechanical properties of timber, engineered wood products and timber structures.

### SELECTED CURRENT FUNCTIONS

- from October 2019, representative of director of the Institute of Wood Sciences and Furniture WULS-SGGW for relations with wood industry

-- since 2003, expert of Association of Foresters and Wood Technologists, area quality of furniture, windows, doors, stairs, floors.

### DIDACTIC

- the lectures: Construction and Technology of Furniture, Furniture Construction, Upholstery Furniture Construction and Technology, Box Furniture Construction and Technology, Period Furniture Construction, Decorative Technics of Period Furniture
- training courses for industry and companies from the area of wood technology, construction and technology of wood products, wood modifications

### SCIENCE

Science research areas:

- properties and application of modified wood ; and wooden products/materials made of modified wood
- wood as an engineering material, nondestructive testing of sawn timber, glulam and modified wood
- testing properties of wood finishing
- new materials development and testing, materials for furniture and other wooden constructions

### Research projects:

last realized (member of research Teams)

Environment, agriculture and forestry, Biostrateg strategic R&D program, agreement No.

BIOSTRATEG2/298241/10/NCBR/2016). Intelligent systems for breeding and cultivation of wheat, maize and poplar for optimized biomass production, biofuels and modified wood” (CROPTECH)

Environment, agriculture and forestry, Biostrateg strategic R&D program, agreement No

BIOSTRATEG2/298950/1/NCBR/2016. Improvement of raw wood efficiency in the industrial production processes current

Environment, agriculture and forestry, Biostrateg strategic R&D program, agreement No

BIOSTRATEG3/344303/14/NCBR/2018. Improvement of raw wood efficiency and process efficiency in sawmilling (leader of research Teams)

Incubator of Innovation WULS-SGGW

Activated charcoal made of modified wood-technology and properties, 2017

Technology of floor elements with higher hardness, 2019

New method of wood densification, 2023

### PUBLICATIONS

Data from WULS-SGGW

<https://bw.sggw.edu.pl/info/author/WU>

<https://bw.sggw.edu.pl/info/author/WU/LS711d410093ba47468cb0a6c6261a936f/Profil%2Bosoby%2B%25E2%2580%2593%2BMarek%2BGrze%25C5%259Bkiewicz%2B%25E2%2580%2593%2BSzko%25C5%2582a%2BG%25C5%2582%25C3%25B3wna%2BGospodarstwa%2BWiejskiego%2Bw%2BWarszawie?r=supervisedwork&tab=supervisedwork&conversationPropagation=begin&sort=&language=pl&pn=1>

Data from Google Scholar

<https://scholar.google.com/citations?user=DLoSV1AAAAAJ>

Data from Web of Science

<https://www.webofscience.com/wos/woscc/summary/a9c65607-477a-4c62-9be5-8b63f0adb367-36c0b801/relevance/1>

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