

Summary Specification of Scientific Accomplishments of a Thesis Supervisor Candidate
 maximum 2 pages - it should be a synthesis of the most important elements of accomplishments

Name and surname, degree, scientific title: dr hab. Marcin Zbieć	
Scientific discipline/s	Forestry
Professional development (scientific degrees and titles) chronologically	MSc of Wood technology 1997 PhD of forest sciences in field of wood technology 2004 Habilitation of forest sciences in field of wood technology 2014
Most important publications/patents from the last 3 years (max. 10)	<ol style="list-style-type: none"> 1. Discerning the Unequitable Fortunes within the Malaysian Rubber Industry and Its Impact on Sustainability Ratnasingam Jegatheswaran, Zbieć Marcin, 2024, 3400 UPM Serdang Selangor Darul Ehsan, Universiti Putra Malaysia Press, 122 p., ISBN 978-629-7689-24-1 2. Teaching entrepreneurship for bioeconomy - enhanced curriculum for European HEIs. Zbieć Marcin, Drejerska Nina, Sobczak-Malitka Wioleta, In: Sharing good practices in the field of creative learning and bioeconomy from invited and partners' organizations - book of abstracts / Nobre Helena [et al.] (eds.), 2023, University of Aveiro, pp.48-51, ISBN 978-972-789-880-0 3. Di Sebalik Kekayaan Industri Getah Malaysia: Menganalisis Ranjau Pengusaha Kecil dari Sisi Kitaran Biojisim Azhar Nur Haffizah, Ghazali Arniza, Zbieć Marcin [et al.], Jurnal Pengguna Malaysia, 2022, vol. 2, no. 38, pp.54-74 4. Rich Dad and Poor Dad: Biomass Circularity Science Empathising Rubber Smallholders Ghazali Arniza, Zbieć Marcin, Journal of Advanced Research in Applied Sciences and Engineering Technology, 2022, vol. 29, no. 1, pp.207-222. DOI:10.37934/araset.29.1.207222 5. Wood Waste Management in Europe through the Lens of the Circular Bioeconomy Zbieć Marcin, Franc-Dąbrowska Justyna, Drejerska Nina, Energies, 2022, vol. 15, no. 12, pp.1-9, Article number:4352. DOI:10.3390/en15124352 6. The Effects of Slicing Parameters on Surface Quality of European Beech Wood Jankowska Agnieszka, Kozakiewicz Paweł, Zbieć Marcin, Drvna Industrija, 2021, no. 72, pp.57-63. DOI:10.5552/drvind.2021.2013

	<ol style="list-style-type: none"> 7. Lack of skills, knowledge and competences in Higher Education about Industry 4.0 in the manufacturing sector Romero Gázquez José Luis, Bueno Delgado María Victoria, Ortega Gras Juan José [et al.], RIED-Revista Iberoamericana de Educacion a Distancia, 2021, vol. 24, no. 1, pp.285-313. DOI:10.5944/ried.24.1.27548 8. Analysing the Malaysian Higher Education Training Offer for Furniture Design and Woodworking Industry 4.0 as an Input Towards Joint Curriculum Validation Protocol Zainal Abidin Shahrman, Anuar Bahari Shahril, Ibrahim Azmi [et al.], Asia Pacific Journal of Educators and Education, 2021, vol. 36, no. 1, pp.1-24. DOI:10.21315/apjee2021.36.1.1 9. Assessing the Awareness and Readiness of the Malaysian Furniture Industry for Industry 4.0 Ratnasingam Jegatheswaran, Yi Lee, Azim Amir [et al.], Bioresources, 2020, vol. 15, no. 3, pp.4866-4885. DOI:10.15376/biores.15.3.4866-4885 10. The Challenges of Developing a Validation Protocol for the New Curriculum of Making 4.0: Between Malaysian and European Education Systems Zainal Abidin Shahrman, Ibrahim Azmi, Mohd Ghazali Aruan Efendy [et al.], International Journal of Innovation, Creativity and Change, 2020, vol. 14, no. 5, pp.767-786
<p>Experience in work with PhD students (defended dissertations, initiated dissertation procedures), chronologically</p>	<p>The transition of wood-based bioeconomy in Indonesia's rural area: an analysis of key factors and policy implications, Adithya Rahmana – 4th year of Doctoral School. Supervisor(s): Dr hab. Nina Drejerska, prof. SGGW; Dr hab Marcin Zbieć</p>
<p>Project/grant accomplishments (from the last 10 years)</p>	<ol style="list-style-type: none"> 1. Biowise 2026-2029 - Advancing Applied Biotechnology for Sustainable Innovation in Wood, Textile, and Furniture in Higher Education 2. TourXperience 2025-2029 TourXpeRience: nurturing Entrepreneurial Teaching and Learning for VET Excellence in Tourism Education 3. Foebe+ 2023-2026. Fostering Entrepreneurship for a sustainable and innovative BioEconomy 4. CL4BIO 2022-2025. Creative learning for boosting bio-economy within HEIs' curricula 5. Sibila 2021 -2024. Training Program towards the Integration of Competitive Intelligence and Technology Watch Practices and Methods in SMEs from Manufacturing Sectors

	<ol style="list-style-type: none"> 6. Encouraging SUNRISE 2020-2022. ENCOURAGING training Skills in the fURniture and woodworking Industries through an innovative Simulation-basEd approach 7. Allview 2020-Present. Alliance of Centres of Vocational Excellence in the Furniture and Wood sector 8. Foebe 2020-2023. FOstering Entrepreneurship for the BioEconomy 9. All Hands On Deck 2019 – May 2022. European work heritage in shipwright for present and future 10. Making 4.0 Nov 2018 – Oct 2022. Improving Malaysian HE Knowledge towards a Wood and Furniture Industry4.0 11. Flame Project May 2018 – Feb 2022. Furniture and Language innovative integrated learning for sector Attractiveness and Mobility Enhancement 12. IM FUTURE Nov 2016 – May 2019. Development of a joint study program between Higher Education and Vocational Education and training: International Master's Degree for the FUrnITURE sector. 13. Beyond 45 Nov 2018 Professional activation of people in age 45+ 14. Vetaal Nov 2013 – Nov 2015. Development of a training path for European Furniture Experts in Designing and Manufacturing of AAL Integrated Furniture for the Care and Support of Elderly and Disabled People
<p>Theme scope - research problem - for the solving of which the PhD student is sought</p>	<p>Research on furniture, other wood products and services within wood technology and bioeconomy area – material, composites, products, strategies, also on innovation, competitive and business intelligence within area.</p>
<p><u>Contact details:</u> Institute E-mail address Telephone</p>	<p>Institute of Wood Sciences and Furniture Warsaw University of Life Sciences - SGGW room no. 0/68, building no. 34 159 Nowoursynowska St., Warsaw 02-787, Poland e-mail: marcin_zbiec@sggw.edu.pl phone +48 59 35671</p> <p>Doctoral School: Warsaw University of Life Sciences - SGGW room no. 3, building no. 2 166 Nowoursynowska St., Warsaw 02-787, Poland e-mail: marcin_zbiec@sggw.edu.pl phone +48 59 35671</p>

--	--