

Candidate supervisor's information summary form

Name and surname, degree, title: Agnieszka Jankowska Ph.D, D.Sc.	
Discipline/ disciplines of science	Forestry
Professional development (degrees and titles) in chronological order	2019 - habilitated doctor in the field of forestry in the discipline of wood science 2012 - PhD in forestry in the wood science discipline
Most important publications/patens over the last 3 years (maximum 10)	<p>Jankowska A., Kozakiewicz P., Zbieć M., 2021: The Effects of Slicing Parameters on Surface Quality of European Beech Wood. <i>Drvna Industrija</i> 72(1): 57-63.</p> <p>Jankowska A., Rybak K., Nowacka M., Boruszewski P., 2020: Insight of Weathering Processes Based on Monitoring Surface Characteristic of Tropical Wood Species, in: <i>Coatings</i> 10 (9) pp. 1-15, Article no: 877.</p> <p>Kozakiewicz P., Jankowska A., Mamiński M. [et al.] 2020: The Wood of Scots Pine (<i>Pinus sylvestris</i> L.) from Post-Agricultural Lands Has Suitable Properties for the Timber Industry, in: <i>Forests</i> 11 (10), pp. 1-10, Article no: 1033.</p> <p>Dobrowolska E., Wroniszewska P., Jankowska A., 2020: Density distribution in wood of European birch (<i>Betula pendula</i> Roth.). <i>Forests</i> 11(4), 445.</p> <p>Jankowska A., Andres B., Wójcik A., 2019: Characteristic technical properties of Siberian larch (<i>Larix gmelini</i> (Rupr.) Kuzen.) wood. <i>Sylvan</i> 163:47-54.</p> <p>Jankowska A., 2018: Assessment of the sorptive properties of selected tropical wood species. <i>Drvna industrija</i> 69 (1): 35-42.</p> <p>Jankowska A., Boruszewski P., Drożdżek M., Rębkowski B., Kaczmarczyk A., Skowrońska A., 2018: The Role of Extractives and Wood Anatomy in the Wettability and Free Surface Energy of Hardwoods. <i>BioResources</i> 13 (2): 3082-3097.</p> <p>Jankowska A., Zbieć M., Kozakiewicz P., Koczan G., Oleńska S., Beer P., 2018: The wettability and surface free energy of sawn, sliced and sanded European oak wood. <i>MADERAS: Ciencia y Tecnología</i> 20(3): 443 - 454.</p> <p>Jankowska A., Andres B., Mastyna B., 2017: Characteristic technical properties of Siberian yellow pine (<i>Pinus sibirica</i> Du Tour.) wood. <i>Sylvan</i> 161 (9): 756-762.</p> <p>Monder M. J., Kozakiewicz P., Jankowska A., 2017: Effect of Anatomical Structure of Shoots in Different Flowering Phase on Rhizogenesis of Once-blooming Roses. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> 45 (2): 408-416.</p>
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	<p>The nature of scientific care: assistant supervisor in doctoral dissertations:</p> <p>1. Valerjan Romanovski</p> <p>Period during which the scientific care was provided: 2015-2019</p> <p>Title of doctoral dissertation (defended in 2019): Dimensional stabilization of wooden floors on a mineral base with heating</p>

	<p>2. Bartłomiej Rębkowski Period during which the academic care was provided: since 2015 (opened program) Title of doctoral dissertation: Interaction of selected physical environmental factors in the degradation process of aspen wood (<i>Populus tremula</i> L.)</p>
Project/grants achievements (from the last 10 years)	<ol style="list-style-type: none"> 1. "Innovative furniture production technology supported by the digital printing process", 2018, National Center for Research and Development (research and implementation project under the WoodINN sector program); function: performer. 2. "Production of innovative furniture based on modern chipboard", 2017-2018, National Center for Research and Development (research and implementation project under the WoodINN sector program); function: performer. 3. "Increasing the efficiency of using wood raw material in production processes in industry" - 2016-2018 Project co-financed by the National Center for Research and Development as part of the Strategic Scientific Research and Development Program "Environment, Agriculture and Forestry" - BIOSTRATEG 2; function: performer. 4. "Innovative composite materials from renewable lignocellulosic biomass in the short cycle, increasing the competitiveness of the wood industry" - 2014-2018 Project No. 406 / L-4/2013 financed by the National Center for Research and Development, LIDER program; function: performer.
Topic – research problem – for which the candidate supervisor seeks a doctoral student	Analysis of the relation between wood structure and its properties
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