

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>Betlej I., Barlak M., Krajewski K., Andres B., Werner Z., Jankowska A., Zakaria S., Boruszewski P. Effect of Cu, Zn and Ag Ion Implantation on the Surface Modification of Bacterial Cellulose Films. <i>Coatings</i> 2023, 13, 254.</p> <p>Jankowska A., Kwiatkowski A., 2022: Effectiveness of European oak wood staining with iron (II) sulphate during natural weathering. <i>Maderas-Ciencia y Tecnologia</i> 24: 1-18.</p> <p>Boruszewski P., Borysiuk P., Jankowska A. [i in.], 2022: Low-Density Particleboards Modified with Blowing Agents—Characteristic and Properties. <i>Materials</i> 15(13): 1-15, 4528.</p> <p>Boruszewski P., Borysiuk P., Jankowska A. [i in.], 2022: Low-Density Particleboards Modified with Expanded and Unexpanded Fillers—Characteristics and Properties, <i>Materials</i> 15(13): 1-16, 4430.</p> <p>Betlej I., Salerno-Kochan R., Jankowska A. [i in.], The Impact of the Mechanical Modification of Bacterial Cellulose Films on Selected Quality Parameters. <i>Coatings</i>, 2021, vol. 11 (11):.1-12, Numer artykułu:1275.</p> <p>Jankowska A., Boruszewski P., Laskowska A., Jankowska A. [i in.], Potential Areas in Poland for Forestry Plantation. <i>Forests</i>, 2021, 12 (10): 1-13, Numer artykułu:1360</p> <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>
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 when the scientific care was provided:</p> <p>2015-2019</p> <p>Title of doctoral dissertation (defended in 2019): Dimensional</p>

	<p>stabilization of wooden floors on a mineral base with heating</p> <p>2. Bartłomiej Rebkowski</p> <p>Period when the academic care has been provided: since 2015 (opened program)</p> <p>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. "Spectroscopic methods for Scots pine dendrometric features and wood properties characterization reflecting its provenance and genetic variation", 2022-2025, National Science Center (research project under the OPUS LAP competition); function: performer. 2. "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. 3. "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. 4. "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. 5. "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 Centre 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 origin, structure and its properties
Basic expectations	Education in the discipline of forest or wood sciences. Recommended experience in conducting research on the structure and properties of wood and in using statistical tools for their analysis.
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