

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

Marek Gaworski, PhD, DSc, Associate Professor	
Scientific discipline/s	Mechanical engineering
Professional development (scientific degrees and titles) chronologically	<p>1986: MSc, field of study: Agricultural and Forest Engineering, Faculty of Agricultural and Forest Engineering, Warsaw Agricultural University – SGGW AR</p> <p>1995: PhD in the field of agricultural engineering, Faculty of Agricultural and Forest Engineering, Warsaw University of Life Sciences – SGGW</p> <p>2006: habilitated doctor of agricultural sciences in the field of agricultural engineering, Faculty of Agriculture, Wrocław University of Environmental and Life Sciences</p>
Most important publications/patents from the last 3 years (max. 10)	<p>Gaworski M., Boćkowski M. 2022. Comparison of cattle housing systems based on the criterion of damage to barn equipment and construction errors. <i>Animals</i>, 12(19), 2530, p. 1-19.</p> <p>Gaworski M., Borowski P.F., Koziół Ł. 2022. Supporting decision-making in the technical equipment selection process by the method of contradictory evaluations. <i>Sustainability</i>, 14(13), 7911, p. 1-17.</p> <p>Gaworski M. 2021. Implementation of technical and technological progress in dairy production. <i>Processes</i>, 9(12), 2103, p. 1-21.</p> <p>Gaworski M. 2021. Differences in occupation of lying stalls by cows: Case study of pens with one row of stalls. <i>Engineering for Rural Development</i>, Proceedings, Vol. 20, p. 1039-1045.</p> <p>Gaworski M., Borowski P.F., Zajkowska M. 2021. Attitudes of a group of young Polish consumers towards selected features of dairy products. <i>Agronomy Research</i>, Vol. 19, No. S2, p. 1023-1038.</p> <p>Gaworski M., de Cacheleu C., Inghels C., Leurs L., Mazarguil C., Ringot B., Tzu-Chen C. 2021. The topic of the ideal dairy farm can inspire how to assess knowledge about dairy production processes: A case study with students and their contributions. <i>Processes</i>, 9(8), 1357, p. 1-21.</p> <p>Leola A., Priekulis J., Česna J., Gaworski M. 2021. Trend of cow herd size in Baltic states. <i>Agronomy Research</i>,</p>

	<p>Vol. 19, No. S2, p. 1052-1059.</p> <p>Solonscikov P., Barwicki J., Savinyh P., Gaworski M. 2021. Optimalization of design parameters of experimental installation concerning preparation of liquid feed mixtures. <i>Processes</i>, 9(12), 2104, p. 1-13.</p> <p>Gaworski M., Turbakiewicz S. 2020. Understanding animal welfare by students and graduates of different studies. <i>Agronomy Research</i>, Vol. 18, No. S2, p. 1255-1266.</p>
<p>Experience in work with PhD students (defended dissertations, initiated dissertation procedures), chronologically</p>	<p>Supervisor of completed doctoral dissertations:</p> <p>Michał Boćkowski, PhD: „Method to assess dairy cattle welfare conditions depending on production technical equipment”, 2012</p> <p>Łukasz Koziół, PhD: „Method of assessing technical facilities for the care of fruit trees”, 2015</p> <p>Marta Bloch-Michalik, PhD: Technology of using methane fermentation by-product as a secondary fuel, taking into account energy aspects”, 2018</p>
<p>Project/grant accomplishments (from the last 10 years)</p>	<p>Project implemented under the OP KL MJWPU program (POKL.09.04.00-14-024 / 08) in the years 2008-2013: “Managing innovative solutions in sectors of the Polish economy”; function: project manager (head).</p>
<p>Theme scope - research problem - for the solving of which the PhD student is sought</p>	<p>Effect of constructional features of selected zones in a barn on the welfare of dairy cattle.</p> <p>Research on the effects of simultaneous implementation of various forms of progress in the field of mechanical engineering.</p>
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