

Candidate supervisor's information summary form

Marek Gaworski, PhD, DSc, Associate Professor	
Discipline / disciplines of science	Mechanical engineering
Professional development (degrees and titles) in chronological order	<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 / over the last 3 years (maximum 10)	<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, Proceedings</i>, 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>, 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>Gaworski M. 2019. Free-stall use and preferences in dairy cows: A case study on neck rails covered by foam. <i>Ani-</i></p>

	<p><i>mals</i>, No. 9(10), 772, p. 1-11.</p> <p>Kupczyk A., Gaworski M., Szlachta J., Tucki K., Wojdalski J., Luberański A., Drózdź B., Krzywonos M. 2019. A slug flow model in a long milk tube for designing a milking unit control system. <i>The Journal of Animal & Plant Sciences</i>, No. 29(5), p. 1238-1246.</p>
Experience in work with doctoral students (defended doctoral dissertations, doctoral programmes opened) in chronological order	<p>Supervisor of completed doctoral dissertations:</p> <p>„Method to assess dairy cattle welfare conditions depending on production technical equipment”, 2012</p> <p>„Method of assessing technical facilities for the care of fruit trees”, 2015</p> <p>"Technology of using methane fermentation by-product as a secondary fuel, taking into account energy aspects”, 2018</p>
Project / grants achievements (from the last 10 years)	<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>
Topic – research problem – for which the candidate supervisor seeks a doctoral student	<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>
<p><u>Contact details:</u></p> <p>Faculty / Institute</p> <p>E-mail address</p> <p>Telephone</p>	<p>Faculty of Production Engineering</p> <p>Institute of Mechanical Engineering, SGGW</p> <p>marek_gaworski@sggw.edu.pl</p> <p>+48 22 593 45 83</p>