

## Personal data sheet

## Personal data

	
<b>name</b>	<b>Gábor Géczy</b>
<b>name of institution</b>	<b>Hungarian University of Agriculture and Life Sciences, Gödöllő</b>
<b>doctoral school</b>	MATE <b>Doctoral School of Environmental Sciences</b> (Announcer of research topic) MATE <b>Doctoral School of Mechanical Engineering</b> (Supervisor)
<b>accreditation statement submitted to:</b>	Hungarian University of Agriculture and Life Sciences, Gödöllő

## Contact details

<b>E-mail address</b>	geczy.gabor@gek.szie.hu
<b>phone number</b>	

## Academic title

<b>scientific degree, title</b>	Ph.D.
<b>year degree was obtained</b>	2003
<b>discipline to which degree belongs</b>	agricultural engineering
<b>institution granting the degree</b>	Szent István Egyetem, Gödöllő (to be translated)

## Employment

<b>1994 -</b>	<b><u>Hungarian University of Agriculture and Life Sciences, Gödöllő</u></b> university professor or researcher
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## Thesis topic supervisor

<b>number of doctoral students supervised until now</b>	4.5
<b>number of students who fulfilled course requirements</b>	2
<b>students who obtained their degrees:</b>	(50%) <b>Péter Hermanucz</b> PhD 2022 <b>DSME-SzIE</b>
<b>completed course requirement:</b>	<b>András Barczy</b> (PhD) 2021/08 <b>DSME-SzIE</b> (50%) <b>Péter Hermanucz</b> (PhD) 2021/08 <b>DSME-SzIE</b>
<b>present PhD students:</b>	(50%) <b>Achraf Qor-El-Aine</b> (PhD) (2023/08) <b>DSME-SzIE</b> (50%) <b>László Richárd Fekti</b> (PhD) (2023/08) <b>DSME-SzIE</b> (50%) <b>Szabolcs Páger</b> (PhD) (2023/08) <b>DSME-SzIE</b> (50%) <b>Zoltán Patonai</b> (PhD) (2022/08) <b>DSME-SzIE</b>
	<b>Thesis topic proposals</b>

## Research






<b>research area</b>	Application of microwave technology in the food industry. Microwave pasteurization, measurements of dielectric on microwave frequency.
<b>research field in which current research is conducted</b>	agricultural engineering

## Publications

<b>2018</b> 	Gábor Géczi, József Benécs, Krisztina Kristóf, Márk Horváth: <b>High concentrations of radon and carbon dioxide in energy-efficient family houses without heat recovery ventilation</b> , JOURNAL OF ENVIRONMENTAL ENGINEERING AND LANDSCAPE MANAGEMENT 26: (1) pp. 64-74. <i>type of document:</i> Journal paper/Article <i>language:</i> English <b>URL</b>
<b>2018</b> 	Barczi András, Géczi Gábor: <b>Előrettekintés a szennyvíztisztításban - Kezelés és társadalom</b> , In: Lázár, István (szerk.) Környezet és energia, MTA DAB Földtudományi Szakbizottság (2018) pp. 253-256. <i>type of document:</i> Part of book/Szaktanulmány (to be translated) <i>language:</i> Hungarian
<b>2018</b> 	Géczi Gábor, Kicsiny Richárd, Korzenszky Péter: <b>Modified effectiveness and linear regression based models for heat exchangers under heat gain/loss to the environment</b> , HEAT AND MASS TRANSFER 55: (4) pp. 1167-1179. <i>type of document:</i> Journal paper/Article <i>language:</i> English <b>URL</b>
<b>2018</b> 	András Barczi, Gábor Géczi: <b>Harvesting during the process; agriculture in developed wastewater treatment plants</b> , HUNGARIAN AGRICULTURAL RESEARCH: ENVIRONMENTAL MANAGEMENT LAND USE BIODIVERSITY Vol. 27: (No. 4) pp. 8-10. <i>type of document:</i> Journal paper/Article <i>language:</i> English
<b>2018</b> 	P. Hermanucz, István Barótfi, G. Géczi: <b>Environmental and healthcare risks of refrigerants</b> , MECHANICAL ENGINEERING LETTERS: R AND D: RESEARCH AND DEVELOPMENT 17: pp. 28-34. <i>type of document:</i> Journal paper/Article <i>language:</i> English
<b>2017</b> 	Gábor Géczi, Péter Korzenszky, Katalin Szakmár: <b>Cold chain interruption by consumers significantly reduces shelf life of vacuum-packed pork ham slices</b> , ACTA ALIMENTARIA HUNGARICA 46: (4) pp. 508-516. <i>type of document:</i> Journal paper/Article <i>language:</i> English <b>DOI</b>
<b>2015</b> 	Gábor Géczi, Catarina Azevedo Borges, Csaba Ágoston, Krisztina Pusztai, Ákos Ulmer, Sándor Beszédes: <b>Examination of Energy Recovery of Brewers' Spent Grain II. - Biological Process</b> , JOURNAL OF MICROBIOLOGY BIOTECHNOLOGY AND FOOD SCIENCES 5: (3) pp. 268-270. <i>type of document:</i> Journal paper/Article <i>number of independent citations:</i> 1 <i>language:</i> English <b>URL</b>
<b>2014</b> 	Gábor Géczi, László Bense, Péter Korzenszky: <b>Water Tempering of Pools Using Air to Water Heat Pump Environmental Friendly Solution</b> , ROCZNIK OCHRONA SRODOWISKA 16: pp. 115-128. <i>type of document:</i> Journal paper/Article <i>language:</i> Angol, Lengyel
<b>2013</b> 	Géczi Gábor, Korzenszky Péter, Horváth Márk: <b>A tehéntej hagyományos pasztörözésének és mikrohullámú kezelésének összehasonlítása</b> , MAGYAR ÁLLATORVOSOK LAPJA 135: (9) pp. 557-564. <i>type of document:</i> Journal paper/Article <i>language:</i> Angol, Magyar
<b>2013</b> 	Géczi G, Horváth M, Kaszab T, Alemany G G: <b>No Major Differences Found between the Effects of Microwave-Based and Conventional Heat Treatment Methods on Two Different Liquid Foods</b> , PLOS ONE 8: (1) p. e53720. <i>type of document:</i> Journal paper/Article <i>number of independent citations:</i> 22 <i>language:</i> English <b>URL</b>

Number of independent citations to these publications:

23 **Scientometric data****list of  
publications  
and citations**

<b>number of scientific publications that meet accreditation criteria:</b>	<b>196</b>	
<b>number of scientific publications:</b>	<b>198</b>	
<b>monographs and professional books:</b>	0	
<b>monographs/books in which chapters/sections were contributed:</b>	2	
<b>scientific publications published abroad that meet the accreditation criteria:</b>	<b>52</b>	
<b>publications not in Hungarian, published in Hungary, meeting the accreditation criteria:</b>	<b>83</b>	
<b>number of independent citations to scientific publications and creative works: ?</b>	<b>103</b>	