
	lekt. dr. ANTANAS JUOSTAS	
	KONTAKTAI:	Aleksandro Stulginskio Universitetas, Žemės ūkio inžinerijos fakultetas, Žemės ūkio inžinerijos ir saugos institutas, adresas: Studentų g. 15a, Akademija, LT-53361 Kauno raj., tel. (8 37) 75 22 13 , el. p. Antanas.Juostas@asu.lt
MOKSLINĖS VEIKLOS KRYPTYS:		
Traktorių dinaminių, ekologinių ir ekonominių rodiklių tyrimai		
SVARBIAUSIOS PUBLIKACIJOS:		
<p>Leidiniuose, referuojamuose Mokslinės informacijos instituto duomenų bazėje „ISI Web of Science“ ir turinčiuose citavimo indeksą</p> <ul style="list-style-type: none"> ▪ Janulevičius, Algirdas; Juostas, Antanas; Čiplienė, Aušra. Estimation of carbon-oxide emissions of tractors during operation and correlation with the not-to exceed zone // Biosystems engineering. San Diego. ISSN 1537-5110. Vol. 147 (2016), p. 117-129. [ISI Web of Science; Science Direct]. [Citav. rod (F): 1.619; bendr. cit. rod: 1.444 (2014)] ▪ Juostas, Antanas; Janulevičius, Algirdas. Tractor's engine efficiency and exhaust emissions' research in drilling work // Journal of environmental engineering and landscape management. Vilnius: Technika. ISSN 1648-6897. Vol. 22, no. 2 (2014), p. 141-150. [ISI Web of Science; ICONDA; Compendex; IndexCopernicus]. [Citav. rod (F): 0.623; bendr. cit. rod: 2.957 (2014)] ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Engine performance during tractor operational period // Energy Conversion and Management. Oxford: Pergamon-Elsevier Science Ltd. ISSN 0196-8904. Vol. 68 (2013), p. 11-19. [ISI Web of Science; Science Direct; Compendex; CAB Abstracts; INSPEC; Academic Search Complete]. [Citav. rod (F): 3.59; bendr. cit. rod: 1.739 (2013)] ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Tractor's engine performance and emission characteristics in the process of ploughing // Energy Conversion and Management. Oxford: Pergamon-Elsevier Science Ltd. ISSN 0196-8904. Vol. 75 (2013), p. 498-508. [ISI Web of Science; Science Direct; Compendex; CAB Abstracts; INSPEC; Academic Search Complete]. [Citav. rod (F): 3.59; bendr. cit. rod: 1.739 (2013)] ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Engine working modes during tractors operational period // Mechanika / Kauno technologijos universitetas, Lietuvos mokslų akademija, Vilniaus Gedimino technikos universitetas. Kaunas: Technologija. ISSN 1392-1207. 2010, Nr. 3(83), p. 58-63. [ISI Web of Science; INSPEC; COMPENDEX; Academic Search Complete; FLUIDEX; SCOPUS]. [Citav. rod (F): 1.144; bendr. cit. rod: 1.438 (2010)] ▪ Juostas, Antanas; Janulevičius, Algirdas. Evaluating working quality of tractors by their harmful impact on the environment // Journal of environmental engineering and landscape management. Vilnius: Technika. ISSN 1648-6897. Vol. 17, No.2 (2009), p. 106-113. [ISI Web of Science; ICONDA; Compendex]. [Citav. rod (F): 1.508; bendr. cit. rod: 2.481 (2009)] 		
Kituose leidiniuose, referuojamuose duomenų bazėje „Web of Science“		
<ul style="list-style-type: none"> ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Tractor engine load and fuel consumption in road construction works // Transport. Vilnius: VGTU "Technika". ISSN 1648-4142. Vol. 25, no.4 (2010), p. 409-416. [Science Citation Index Expanded (Web of Science); Compendex; ICONDA]. ▪ Juostas, Antanas; Janulevičius, Algirdas. Investigation of interaction between tractor load and data collected in their modules // Engineering for rural development: 8th international scientific conference: proceedings, may 28-29, 2009. Jelgava. ISSN 1691-3043. 2009, p. 112-117. [ISI Proceedings; CAB Abstracts]. ▪ Janulevičius, Algirdas; Juostas, Antanas. Investigations of Tractors Load During Their Working Life // Mechanika 2009 : proceedings of 14th international conference, April 2-3, 2009, Kaunas, Lithuania / Kaunas University of Technology, Lithuanian Academy of Science, IFTOMM National Committee of 		

Lithuania, Baltic Association of Mechanical Engineering. Kaunas: Technologija. ISSN 1822-2951. 2009, p. 156-161. [ISI Proceedings].

- Janulevičius, Algirdas; **Juostas, Antanas**. Evaluation of Tractors Working Quality its Exploitation Life by Using Cumulated Information in Their Modules // Transport Means - 2008: proceedings of the 12th international conference, October 23-24, 2008, Kaunas University of Technology, Lithuania / Kaunas University of Technology, IFTOMM National Committee of Lithuania, SAE Lithuanian Branch, The Division of Technical Sciences of Lithuanian Academy of Sciences, Klaipėda University, Vilnius Gediminas Technical University. Kaunas: Technologija. ISSN 1822-296X. 2008, p. 47-50. [ISI Proceedings].

KITA SVARBI INFORMACIJA IR PASIEKIMAI:

- Nuo 2001 m. UAB „Konekesko Lietuva“ serviso plėtros vadovas Baltijos šalims
- Lietuvos žemės ūkio universiteto 2010 m. mokslo premijos laureato diplomas už mokslo darbų rinkinį „*Traktorių galios panaudojimo ir degalų sąnaudų tyrimai ir optimizavimas*“
- Lietuvos žemės ūkio universiteto 2008 m. mokslo premijos laureato diplomas už mokslo darbų rinkinį „*Traktorių dinaminių bei ekonominių rodiklių tyrimai ir optimizavimas*“
- Nuo 2014 m. Lietuvos standartizacijos departamento (LST) technikos komiteto LST TK 35 *Mašinų sauga* komiteto narys;
- Nuo 2016 m. programos „Leader“ ir žemdirbių mokymo metodikos centro, Žemės ūkio ir kaimo plėtros dalyvių švietimo ekspertas.

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RESEARCH AREA:		
Research of tractor parameters from dynamic, ecological and economical point of view		
MAIN SCIENTIFIC PUBLICATIONS:		
Scientific articles in ISI Web of Science journals with citation index		
<ul style="list-style-type: none"> ▪ Janulevičius, Algirdas; Juostas, Antanas; Čiplienė, Aušra. Estimation of carbon-oxide emissions of tractors during operation and correlation with the not-to exceed zone // Biosystems engineering. San Diego. ISSN 1537-5110. Vol. 147 (2016), p. 117-129. [ISI Web of Science; Science Direct]. [Citav. rod (F): 1.619; bendr. cit. rod: 1.444 (2014)] ▪ Juostas, Antanas; Janulevičius, Algirdas. Tractor's engine efficiency and exhaust emissions' research in drilling work // Journal of environmental engineering and landscape management. Vilnius: Technika. ISSN 1648-6897. Vol. 22, no. 2 (2014), p. 141-150. [ISI Web of Science; ICONDA; Compendex; IndexCopernicus]. [Citav. rod (F): 0.623; bendr. cit. rod: 2.957 (2014)] ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Engine performance during tractor operational period // Energy Conversion and Management. Oxford: Pergamon-Elsevier Science Ltd. ISSN 0196-8904. Vol. 68 (2013), p. 11-19. [ISI Web of Science; Science Direct; Compendex; CAB Abstracts; INSPEC; Academic Search Complete]. [Citav. rod (F): 3.59; bendr. cit. rod: 1.739 (2013)] ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Tractor's engine performance and emission characteristics in the process of ploughing // Energy Conversion and Management. Oxford: Pergamon-Elsevier Science Ltd. ISSN 0196-8904. Vol. 75 (2013), p. 498-508. [ISI Web of Science; Science Direct; Compendex; CAB Abstracts; INSPEC; Academic Search Complete]. [Citav. rod (F): 3.59; bendr. cit. rod: 1.739 (2013)] ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Engine working modes during tractors operational period // Mechanika / Kauno technologijos universitetas, Lietuvos mokslų akademija, Vilniaus Gedimino technikos universitetas. Kaunas: Technologija. ISSN 1392-1207. 2010, Nr. 3(83), p. 58-63. [ISI Web of Science; INSPEC; COMPENDEX; Academic Search Complete; FLUIDEX; SCOPUS]. [Citav. rod (F): 1.144; bendr. cit. rod: 1.438 (2010)] ▪ Juostas, Antanas; Janulevičius, Algirdas. Evaluating working quality of tractors by their harmful impact on the environment // Journal of environmental engineering and landscape management. Vilnius: Technika. ISSN 1648-6897. Vol. 17, No.2 (2009), p. 106-113. [ISI Web of Science; ICONDA; Compendex]. [Citav. rod (F): 1.508; bendr. cit. rod: 2.481 (2009)] 		
Relevant scientific articles in other journals:		
<ul style="list-style-type: none"> ▪ Janulevičius, Algirdas; Juostas, Antanas; Pupinis, Gediminas. Tractor engine load and fuel consumption in road construction works // Transport. Vilnius: VGTU "Technika". ISSN 1648-4142. Vol. 25, no.4 (2010), p. 409-416. [Science Citation Index Expanded (Web of Science); Compendex; ICONDA]. ▪ Juostas, Antanas; Janulevičius, Algirdas. Investigation of interaction between tractor load and data collected in their modules // Engineering for rural development: 8th international scientific 		

conference: proceedings, may 28-29, 2009. Jelgava. ISSN 1691-3043. 2009, p. 112-117. [ISI Proceedings; CAB Abstracts].

- Janulevičius, Algirdas; **Juostas, Antanas**. Investigations of Tractors Load During Their Working Life // *Mechanika 2009* : proceedings of 14th international conference, April 2-3, 2009, Kaunas, Lithuania / Kaunas University of Technology, Lithuanian Academy of Science, IFTOMM National Committee of Lithuania, Baltic Association of Mechanical Engineering. Kaunas: Technologija. ISSN 1822-2951. 2009, p. 156-161. [ISI Proceedings].
- Janulevičius, Algirdas; **Juostas, Antanas**. Evaluation of Tractors Working Quality its Exploitation Life by Using Cumulated Information in Their Modules // *Transport Means - 2008*: proceedings of the 12th international conference, October 23-24, 2008, Kaunas University of Technology, Lithuania / Kaunas University of Technology, IFTOMM National Committee of Lithuania, SAE Lithuanian Branch, The Division of Technical Sciences of Lithuanian Academy of Sciences, Klaipėda University, Vilnius Gediminas Technical University. Kaunas: Technologija. ISSN 1822-296X. 2008, p. 47-50. [ISI Proceedings].

OTHER RELEVANT INFORMATION:

- Since 2001 m. Baltic Service Development Manager at UAB „Konekesko Lietuva“
- Science Award at Lithuanian University of Agriculture in 2010 for the scientific journal "The research on the tractor's power and fuel consumption utilization and optimization"
- Science Award at Lithuanian University of Agriculture in 2008 for the scientific journal „Investigation and optimization of the tractor's dynamic and economical parameters“

Other relevant experience:

- Since 2014 Member of the Lithuanian Standards Committee LST TK 35 *Machine safety* at Lithuanian standards board;
- Since 2016 Expert of qualification improvement of the people employed in agricultural and rural development sector at LEADER Program and Agricultural Training Methodology Centre.